THE AI 100

2017

CBINSIGHTS

How the AI 100 companies were selected

It is a purely data-driven/algorithmic process that uses CB Insights data. We've gathered this data via our machine learning technology (dubbed The Cruncher) as well as via several thousand direct submissions from firms and individual professionals using The Editor.

The Company Mosaic page walks through the factors considered in the algorithm in some detail but at a high level, it considers several factors including:

- Momentum – Considers non-traditional signals including news mentions, sentiment, jobs data/hiring, social media, web traffic and usage, partnerships, and more.
- Market – Quantifies the health of the sector and industry the company is involved in, including funding, deals, exit activity, and hiring.
- Money — Assesses financial signals including funding recency and total raised.
- Investor quality – Weighs the quality of the investors participating in deals to the company, judging investors based on exits, returns, and portfolio quality.

Affectiva

affectiva.com

Affectiva, an MIT Media Lab spin-off, is the pioneer in Emotion AI, the next frontier of artificial intelligence. Affectiva's mission is to bring emotional intelligence to the digital world with emotion recognition technology that humanizes how people and systems interact. Affectiva's patented technology uses computer vision, deep learning and the world's largest emotion database of 4.8 million faces analyzed in 75 countries. Affectiva's SDKs and APIs enable developers to add emotion-sensing and analytics to their own apps, games, devices and digital experiences. Affectiva is used by one third of the Fortune Global 100, including more than 1,400 brands, to gather insight and analytics in consumer emotional engagement. Affectiva's emotion recognition technology is applied in many different verticals including online education, healthcare, gaming, robotics, media and advertising, market research, automotive retail, human resources, training and coaching, video communication, experiential design, and in wearables and devices.

AImotive

aimotive.com

AImotive is a Budapest-based software company, developing a full-stack software suite for fully autonomous self-driving cars. Established on the idea that self-driving cars should mimic human behavior, AImotive's algorithms rely on cameras as primary sensors for accomplishing the tasks of object recognition and classification, localization, decision making, trajectory planning and vehicle control. Development and operation processes follow the current automotive standards, providing a hardware-agnostic, yet scalable solution. The software engine components are aided by an extensive toolkit to accelerate the training and verification, including calibration, data collection and augmented data generation, semi-supervised annotation, and a real-time, photorealistic simulation environment. Addressing the growing need for hardware accelerators that are optimized specifically for artificial intelligence, AImotive designs a power efficient, high performance neural network hardware IP for automotive embedded solutions. The reference design helps chip companies build the optimal hardware to support the performance requirements of the AI-based software suite.

Algorithmia

algorithmia.com

Algorithmia helps developers, enterprises, and academics create, host, distribute, and monetize intelligent microservices. Today, over 30,000 developers have access to a growing library of 2,500 algorithmic microservices they can integrate into their applications through a simple REST API. Algorithmia's mission is to advance the development, discovery, and accessibility of algorithmic intelligence. They believe Artificial Intelligence should be available to any developer regardless of language or technology stack. Today, Algorithmia provides two major products: Algorithmia.com, a marketplace for microservices, and CODEX, a platform for functions and AI models. CODEX helps organizations centralize shared services, discover internal algorithms, and scale AI models behind the firewall.

AlphaSense, Inc.

alpha-sense.com

AlphaSense solves the crippling information overload problem for knowledge professionals who are subject to a fire hose of data and are unable to catch or digest the vast amounts of content relevant to their daily decisions. Some platforms offer access to relevant documents, but none have intelligent search capabilities. AlphaSense offers access to proprietary research databases and includes semantic knowledge of financial language and the relevance analytics to surface valuable hidden snippets of information. AlphaSense ingests millions of documents, including company filings and transcripts, presentations, news, press releases and Wall Street research and any uploaded content. It semantically indexes these documents and produces instant results for users on any theme they are researching, summarizing relevant snippets across a vast volume of documents. The key benefit AlphaSense provides is an information edge, allowing users to find what others miss, and be the first to act on new information and insights.

Anki

anki.com

Anki has a dream to bring artificial intelligence and consumer robotics into everyday life. Anki's cornerstone product is Anki Overdrive, based on technology that brings together video games and physical toys. Using a smartphone, the user can race a real toy car around Anki's track, challenge friends, or play against other cars controlled by Anki's AI. As in a video game, the cars adapt to their environment and surroundings, are fully customizable through the app, and improve their performance with usage.

Appier

appier.com

Appier is a technology company that makes it easy for businesses to use artificial intelligence to grow and succeed in a cross screen era. Appier is formed by a passionate team of computer scientists and engineers with experience in AI, data analysis, distributed systems, and marketing. Their colleagues come from Google, Intel, Yahoo, as well as renowned AI research groups in Harvard University and Stanford University. Headquartered in Taipei, Appier serves more than 500 global brands and agencies from offices in eleven markets across Asia, including Taipei, Singapore, Tokyo, Sydney, Ho Chi Minh City, Manila, Hong Kong, Mumbai, New Delhi, Jakarta and Seoul.

Atomwise, Inc.

atomwise.com

Atomwise uses artificial intelligence to discover new potential medicines. Atomwise built the first deep neural network for structure-based drug design. Atomwise is helping researchers tackle chronic diseases such as cancer, multiple sclerosis, and diabetes; neglected global diseases such as Ebola and malaria; resurgent diseases such as antibiotic-resistant germs; and bioterror threats such as botulinum neurotoxin. Atomwise trains deep 3D convolutional neural networks that autonomously learn spatial and chemical features, and predict which molecules are likely to be effective. The neural networks are applied throughout the drug discovery pipeline to optimize the initial leads into potent medicines and adjust them to avoid toxicity problems. Atomwise can analyze millions of molecules per day, orders of magnitude faster than other physical testing technologies, and helping find cures months or even years faster.

Automat

automat.ai

Automat is the world's first AI powered Conversational Marketing Platform. They enable companies to have personalized one-on-one messaging conversations with their customers to drive meaningful engagement that improves upon decades of static catalog-like website and mobile app content. Automat's Bot Creator authoring environment lets marketing professionals, creatives, and developers collaborate to build Conversational Software powered by artificial intelligence that beats today's one-size-fits-all sales funnels. Starting either from their Bot Library of pre-existing marketing objective templates such as Product Discovery, Influencer Marketing, Scheduling, Conversational Ads, etc, or beginning from scratch to build a wholly original conversational campaign, marketers can now reach mobile customers where they spend the bulk of their time, inside popular messaging apps like Messenger, Kik, WhatsApp, and WeChat. Riding on top of Automat's Conversation as a Service (CaaS) platform, marketers can harness the power of Conversational Language Understanding (CLU) to recognize what consumers are saying about their brand and products providing a personalized one-on-one purchasing experience.

Ayasdi

ayasdi.com

Ayasdi helps companies around the world to use artificial intelligence and Big Data to make employees hundreds of times more productive and to drive fundamental breakthroughs that are beyond the capabilities of humans. Their revolutionary machine intelligence platform leverages automation, machine learning and topological data analysis to simplify the extraction of knowledge from even the largest and most complex data sets and to facilitate the deployment of intelligent, AI-based applications across the enterprise. Developed by Stanford computational mathematicians, Ayasdi's unique approach to machine intelligence leverages breakthrough mathematics, highly automated software and inexpensive, scalable computers to revolutionize the process of converting big data into business impact. They are excited to count many of the Global 500, plus leading governments and research institutions as their clients and partners. To learn more, visit ayasdi.com or follow us @ayasdi.

babylon

babylonhealth.com

babylon is a personal healthcare service that lives in your smartphone or tablet. It's easy to use, available whenever you need it and available for everyone to use. It lets people arrange to see their lovely doctors within minutes, chat to them face-to-face on their mobile to find out what's wrong, and then get back on track with sound advice. At babylon, they're on a mission to make healthier, happier people. So they've created a bunch of features for the app to do just that. You can check any symptom and ask all the questions you can think of using their chat feature, send us questions for a speedy response and order test kits you can do at home. They're changing the way healthcare gets done.

BenevolentAI

benevolent.ai

Despite despite the huge growth of knowledge, scientific discovery has not changed for 50 years. It's impossible for humans alone to process all of the information potentially available to advance scientific research - a new scientific paper published every 30 seconds, there are 10,000 updates to PubMed every day. Consequently, only a small fraction of globally generated scientific information can form 'useable' knowledge. BenevolentAI applies AI and deep learning techniques to enable the analysis of vast quantities of complex scientific information. The Company is changing the way knowledge is created by producing an enormous structured, curated and qualified proprietary 'data lake' of dynamic usable knowledge that can be applied for real world use in conjunction with human experts. The Company's first application of AI was in bioscience to accelerate drug discovery. BenevolentAI is now expanding into other large global scientific industries such a veterinary medicine, aggrotech, nutraceuticals and materials science.

BloomReach

bloomreach.com

The BloomReach Personalization Platform is an underlying set of technologies to deliver the right experience for the user and business in every digital context from acquisition to conversion. The BloomReach Personalization Platform powers big data applications that span the customer experience and make it more personalized and relevant to the customer's intent. The BloomReach Personalization Platform centralizes data enrichment, access, publishing and integration across all BloomReach products. With a single integration, customers have one login to access all BloomReach products, one pixel to inform BloomReach and one feed to send to BloomReach. Data enrichment includes attribute extraction, synonymization and machine learning. Data access makes the behavioral, product and demand data available to all BloomReach applications. Publishing supports the integration of many different widgets into a single framework so that customers can customize their templates and experiences.

Blue River Technology

bluerivert.com

Blue River Technology creates and delivers advanced technology for better agriculture. The company's pioneering approach utilizes computer vision and robotics to build a future that 'makes every plant count' - where the needs of each plant are precisely measured and instantly responded to, significantly reducing chemical and nutrient use. The company brings substantial experience in precision agriculture, robotics, computer vision and machine learning.

Bonsai

bons.ai

Bonsai is a software development platform that empowers every developer to build, teach and use intelligence models. The Bonsai Platform abstracts away the low-level, inner workings of artificial intelligence so developers can focus on what really matters, building smarter applications faster. Instead of needing expertise in complex AI algorithms and techniques, the Bonsai Artificial Intelligence Engine allows a developer to more efficiently code the multiple concepts and lessons needed to enable greater control and optimization of hardware and software. Bonsai's fundamentally different approach results in far more accessible, efficient and explainable models compared to alternatives. Bonsai is headquartered in Berkeley, CA and backed by NEA.

Cape Analytics

capeanalytics.com

Cape Analytics was established to change the way information about the human-built environment is created and used. The company uses artificial intelligence to instantly and automatically extract proprietary property data from geospatial imagery. Cape Analytics' cloud-based platform uses computer vision to provide near inspection-quality information about high-value property features – instantaneously and at scale. This data is available nationwide and can be easily integrated by insurance carriers and other property stakeholders. Cape Analytics establishes a new category of property analytics, offering immediacy and coverage comparable to public record data, but with the accuracy and detail previously available only from time-consuming, in-person property assessments.

Captricity

captricity.com

Captricity is secure cloud software that transforms handwritten paper forms into digital data with 99%+ percent accuracy. Captricity's cloud solution features unique crowd-guided deep learning technology that can extract data from any source - paper documents, scans, faxes, emails, call centers and web forms - and connect automatically to backend systems to empower advanced analytics and eliminate the need for costly, ineffective manual data entry processes. Captricity serves a broad range of markets, including insurance, healthcare, government and non-profits.

Chorus.ai

chorus.ai

Chorus helps your team make decisions using the insights you'd get if you were sitting in on every sales or customer success call. They founded Chorus to understand what influences conversation outcomes, and make it easy to learn from and influence the thousands of conversations your team has. Today, almost all of those conversations and the insights they contain are forgotten the second they end, except for the few notes captured in your CRM. They're changing that. They are a tight-knit team of world-class scientists, engineers and product designers, and are working with a wide variety of data-driven public and high-growth companies. They're passionate about voices, language, technology and results, and can't wait to find the moments in conversations that matter to you and your team.

Chronocam

chronocam.com

Chronocam is developing a unique, bio-inspired and self-adapting approach to the need for visual sensing and processing in autonomous vehicles, connected devices, security and surveillance systems. Its innovative vision sensors and systems replicate the functioning of the human eye and address the limitations of conventional vision sensors by enabling real time sensing of the relevant dynamic scene context and acquiring only what is necessary. The result is that Chronocam's vision solutions set a new benchmark for computer vision performance with unprecedented speed, dynamic range, sensor level video compression and power efficiency, at the same time. Based in Paris, Chronocam is a venture backed company with investors including 360 Capital, CEA Investissement, iBionext, Intel Capital, Renault-Nissan Group, and Robert Bosch Venture Capital. More information can be found at chronocam.com.

Citrine Informatics

citrine.io

Citrine hosts the world's largest materials repository platform. Citrine uses this platform to build AI software that enables more efficient discovery, optimization, manufacturing, and deployment of materials. Their software platform ingests structured and unstructured materials data from a wide variety of sources, both public and private; they then use AI engines to identify important signals in those data and directly enhance customers' R&D and manufacturing efforts. They serve organizations that rely on cutting-edge materials for competitive advantage, in industries ranging from automotive, aerospace, consumer goods, batteries, and electronics.

Clara Labs

claralabs.com

Clara Labs manages your work calendar in a smarter, more efficient way than a human is capable of. When you need to schedule a meeting just CC "clara@yourcompany.com" and Clara will take over the email dialogue, sending the calendar invitation on your behalf. Clara supports hundreds of teams across the globe, from executives to sales orgs to recruiters, saving thousands of hours a week in tedious back-and-forth. Clara's human-in-the-loop architecture maintains its conversational warmth and intelligence, while dramatically lowering the cost of receiving scheduling assistance. With Clara, your time is free to focus on the work that matters.

Clarifai

clarifai.com

Clarifai is an artificial intelligence company that excels in visual recognition, solving real-world problems for businesses and developers alike. Founded in 2013 by Matthew Zeiler, a foremost expert in machine learning, Clarifai has been a market leader since winning the top five places at the ImageNet 2013 competition, and predicts more than 1.4 billion concepts in images every month. Clarifai's powerful visual recognition technology is built on the most advanced machine learning systems and made easily accessible by a clean API, empowering developers all over the world to build a new generation of intelligent applications. Clarifai builds products to make it easy, quick, and inexpensive for developers and businesses to innovate with AI, go to market faster, and build better user experiences. Clarifai also makes "teaching" AI just as accessible as they make using AI, which is why their technology is the most customizable and accurate solution in the market.

CloudMedx Inc

cloudmedxhealth.com

We have built a Clinical AI Platform that is bringing scale and simplicity to the application of brain-inspired clinical algorithms to healthcare. Their platform is built on a comprehensive and constantly growing network of medical knowledge that powers their applications. Further, the sheer amount of unprocessed data in healthcare is hindering patient centered care. Their natural language processing taps into this data with a deep understanding of clinical context and uses machine learning to provide a profile of each patient's risk (severity of disease and potential adverse events, like a hospital readmission) that could not be generated before. This enables true patient centered precision care. CloudMedx combines the power of machine learning and big data analytics to generate real-time health insights and improve patient outcomes for chronic conditions that are responsible for as much as 90% of healthcare costs such as congestive heart failure, stroke, hypertension, COPD, diabetes, etc.

CognitiveScale

cognitivescale.com

CognitiveScale builds machine intelligence software for healthcare, commerce, and financial services markets. The company's products—Engage and Amplify help large enterprises increase customer engagement, improve decision-making, and deliver self-learning and self-assuring business processes. CognitiveScale has successfully deployed its software with multiple Global 500 companies and has formed strategic go to market and technology partnerships with IBM, Microsoft, and Deloitte. CognitiveScale was founded in 2013 by highly successful serial entrepreneurs and senior executives from IBM Watson, Oracle, and Salesforce with deep expertise in vertical enterprise software, cloud computing, and machine learning. The company has won numerous awards and featured in prominent research and publications. It is headquartered in Austin, Texas, with offices in the United Kingdom and India. Investors include Norwest Ventures, Intel Capital, IBM Watson, and Microsoft Ventures.

Context Relevant

contextrelevant.com

Context Relevant products solve some of the world's toughest big data, predictive, and behavioral challenges using Their machine learning driven Automated Data Science platform—faster and more effectively than any other solution. The Context Relevant machine learning platform takes the best of open source infrastructure, such as Hadoop and Spark, and ties it together with their proprietary Automated Data Science engine and application environment. The result is a full-stack, production ready platform that enables the rapid creation, testing, and deployment of data science- and predictive analysis-driven intelligent applications.

Cortical.io

cortical.io

Cortical.io offers Natural Language Understanding (NLU) solutions based on Semantic Folding, a theory which opens a fundamentally new perspective to handling Big Text Data. Inspired by the latest findings on the way the brain processes information, Cortical.io's Retina Engine converts language into semantic fingerprints, a numerical representation that captures meaning explicitly and operates on it computationally. The Retina Engine compares the semantic relatedness of any two texts by measuring the overlap of their fingerprints. It can be easily customized for any language, domain or jargon and delivers results quickly, at low costs. The intrinsic difference of Cortical.io's algorithm makes it possible to solve many open NLU challenges like meaning-based filtering of terabytes of unstructured text data, real-time topic detection in social media or semantic search over millions of documents across languages. Cortical.io was founded in 2011 in Vienna, Austria and holds a broad general license for Numenta's HTM technology.

CrowdFlower

crowdflower.com

CrowdFlower is the essential human-in-the-loop platform for data science teams. CrowdFlower helps customers generate high quality customized training data for their machine learning initiatives, or automate a business process with easy-to-deploy models and integrated human-in-the-loop workflows. The CrowdFlower platform supports a wide range of use cases including self-driving cars, intelligent personal assistants, medical image labeling, content categorization, customer support ticket classification, social data insight, CRM data enrichment, product categorization, and search relevance. Headquartered in San Francisco and backed by Canvas Venture Fund, Trinity Ventures, and Microsoft Ventures, CrowdFlower serves data science teams at Fortune 500 and fast-growing data-driven organizations across a wide variety of industries. For more information, visit www.crowdflower.com.

Cylance

cylance.com

Cylance is a cybersecurity products and services company focusing on stopping tomorrow's attacks today. Founded in 2012 by ex-McAfee Global CTO Stuart McClure and ex-McAfee Chief Scientist Ryan Permeh, Cylance was created to solve the malware problem once and for all. Their flagship product, CylancePROTECT®, is the world's first next-generation antivirus built on artificial intelligence and machine learning. Named the SC Magazine Award winner for "Best Emerging Technology" in 2015, CylancePROTECT offers exponentially improved prevention capabilities when compared to other endpoint security solutions. For a demo of CylancePROTECT, visit us at cylance.com

Darktrace

darktrace.com

Named 'Best Security Company of the Year' in the Info Security Products Guide 2016, Darktrace is one of the world's leading cyber threat defense companies. Its Enterprise Immune System technology detects and responds to previously unidentified threats, powered by machine learning and mathematics developed by specialists from the University of Cambridge. Without using rules or signatures, Darktrace is uniquely capable of understanding the 'pattern of life' of every device, user and network within an organization, and defends against evolving threats that bypass all other systems. Some of the world's largest corporations rely on Darktrace's self-learning technology in sectors including energy and utilities, financial services, telecommunications, healthcare, manufacturing, retail and transportation. Darktrace is headquartered in Cambridge, UK and San Francisco, with offices in Auckland, Boston, Chicago, Dallas, London, Los Angeles, Milan, Mumbai, New York, Paris, Seoul, Singapore, Sydney, Tokyo, Toronto and Washington D.C.

Dataminr

dataminr.com

Dataminr is a service that creates real-time, actionable breaking news alerts from public social media activity. Dataminr's powerful algorithms instantly transform all publicly available Twitter data and other public datasets into actionable news alerts that enable security, operations, financial and communications professionals around the world to be proactively alerted to must-know information as events unfold. Alerts are delivered via desktop applications and workflow-integrated notifications. Global corporations, financial firms, news organizations and the public sector rely on Dataminr to know about breaking news early so they can respond quickly to the incidents and disruptions that can impact their people, assets, portfolios, and operations.

DataRobot

datarobot.com

DataRobot automates the process of building machine learning models. The platform empowers users enterprise-wide to make smarter, faster business decisions by delivering unmatched speed, accuracy, and automation at scale. From the progressive business analysts or statisticians to the applied data scientists - users from around the globe are building and deploying accurate predictive models in a fraction of the time it used to take. DataRobot addresses the critical shortage of data scientists by changing the speed and economics of predictive analytics. The platform uses massively parallel processing to train and evaluate 1000's of predictive models in R, Python, SparkML, H2O, Tensorflow and other open source libraries. It searches through millions of possible combinations of algorithms, pre-processing steps, features, transformations and tuning parameters to deliver the best models for a given dataset and prediction target. Watch the video "Presenting DataRobot" datarobot.wistia.com/medias/cqkjuzsp0z

Deep Genomics

deepgenomics.com

Founded in 2015, Deep Genomics builds computational systems that will improve how they diagnose, treat, and understand disease. A key obstacle to realizing the benefits promised by routine genome sequencing is the difficulty connecting individual genetic alterations to physiological consequences that impact health. Deep Genomics is working to close this gap. Deep Genomics' technology emerged from more than a decade of academic research that brought together the fields of machine learning and genome biology. Their mission is to develop an integrated computational system that can learn, predict and interpret how changes in DNA – whether natural or therapeutic – alter crucial cellular processes. They develop new machine learning methods that can find patterns in massive datasets and infer computer models of how cells read the genome and generate biomolecules. In this way, their unique technology provides a causal interpretation for genetic variation that is applicable to any variant, and any disease.

Deep Instinct

deepinstinct.com

Deep Instinct is the first company to apply deep learning to cybersecurity. Deep learning is inspired by the brain's ability to learn. Once a brain learns to identify an object, its identification becomes second nature. Similarly, as Deep Instinct's artificial brain learns to detect any type of cyber threat, its prediction capabilities become instinctive. As a result, zero-day and APT attacks are detected and prevented in real-time with unmatched accuracy. Deep Instinct brings a completely new approach to cybersecurity that is proactive and predictive. Deep Instinct provides comprehensive defense that is designed to protect against the most evasive unknown malware in real-time, across an organization's endpoints, servers, and mobile devices. Deep learning's capabilities of identifying malware from any data source results in comprehensive protection on any device, any platform, and operating system.

Deepgram

deepgram.com

Deepgram uses deep learning to mine your recorded speech data for business insights. Companies only analyze 2% of their audio data. Deepgram does all of it. Predict churn, CSAT, NPS, conversion, and search your data like you're Google.

Descartes Labs

descarteslabs.com

Founded in 2014, Descartes Labs is a New Mexico-based technology company advancing the science of forecasting. The team, which originally spun out of Los Alamos National Lab, developed a platform that applies machine learning to massive data sets, like satellite imagery, for forecasting and analysis across different industries. Descartes' first application was in agriculture, analyzing satellite imagery to predict corn and soy yields in the U.S. ahead of the USDA, which is the current industry benchmark. Descartes Labs' mission is to solve the most challenging forecasting problems today, to help us better understand the Earth and prepare for the future. The company was named one of CB Insights' Game Changers in 2016.

Digital Reasoning

digitalreasoning.com

Digital Reasoning is a leader in cognitive computing. They build software that understands human communication and extracts insights from it - in many languages, across many domains, and at enormous scale. Their award-winning cognitive computing platform, Synthesys®, is able to analyze all forms of unstructured and structured data, including feeds from legacy technologies, as well new insights from untapped resources. It produces holistic insights that give organizations unparalleled oversight and control, even at the scale of complex global enterprises and government departments. Synthesys uses natural language processing and machine learning to semantically analyze human communication, uses context to discern meaning and relevance, and applies knowledge representation to adapt to different usage domains. It creates and maintains profiles of entities (people, places, objects) and relationships between them. Machine learning continually improves its accuracy. Digital Reasoning has applied Synthesys to develop proven solutions for financial services, intelligence and defense, law enforcement, and health care organizations.

DigitalGenius

digitalgenius.com

DigitalGenius brings practical applications of deep learning and artificial intelligence into customer service operations of leading companies. At its core are deep learning algorithms, which are trained on historical customer service data and integrated directly into the contact center's existing software. Already deployed with industry innovators like KLM Royal Dutch Airlines, Unilever, and HSBC, the product delivers value through two main functions: Predictive Case Intelligence: using machine learning to predict and automatically pre-fill all case meta-data around an incoming customer service message. Improving accuracy and significantly reducing average handling time. Human+AI Question Answering: a deep learning algorithm trained on historical customer service logs suggests and automates answers to customer questions over email, live chat, social media, mobile messaging and SMS. DigitalGenius has built a scalable deep-learning product for the customer service industry, leveraging and creating cutting edge research, to transform the customer service function inside businesses.

Dispatch

dispatch.ai

Delivery is a huge and growing market - as it continues to grow autonomy becomes increasingly essential. Dispatch is making delivery smart by creating a platform for local delivery powered by a fleet of autonomous vehicles designed for sidewalks and pedestrian spaces. Dispatch's first autonomous vehicle, nicknamed Carry, is designed to deliver. The vehicle is small enough to navigate sidewalks, but large enough to carry multiple packages. It operates in pedestrian areas and travels no faster than a brisk walking pace, blending smoothly with pedestrian traffic. Carry provides real time notifications throughout it's journey. Upon arrival, users receive a code to unlock their compartment and grab their items. Then Carry is off to its next delivery

Drawbridge

drawbridge.com

Drawbridge is the leading anonymized digital identity company, building patented cross-device technology that fundamentally changes the way brands connect with people. The Drawbridge Connected Consumer Graph® includes more than one billion consumers across more than three billion devices, and verified to be 97.3% precise. Brands can work with Drawbridge in three ways: by licensing the Drawbridge Connected Consumer Graph for cross-device data applications; managing cross-device ad campaigns in real-time using the Drawbridge Cross-Device Platform; or working with Drawbridge to execute cross-device digital advertising campaigns. The company is headquartered in Silicon Valley, is backed by Sequoia Capital, Kleiner Perkins Caufield Byers, and Northgate Capital, and has been named to the Inc. 5000 annual ranking of the fastest-growing companies in America for the past two years.

Drive.ai

drive.ai

Drive.ai is a software company reimagining the fundamental relationship between people and transportation. Founded in 2015 with a team out of Stanford University's Artificial Intelligence Lab, Drive.ai uses sophisticated deep learning algorithms for a full-stack solution – including perception and path planning, to control the vehicle – to power the next era of transportation. Drive.ai's product offering will consist of a retrofitted self-driving kit for business fleets, with a long-term plan to have their software integrated into new vehicles. This will include sensors and a roof-mounted human-robot interaction outside the car, all powered by deep learning software algorithms. The company's initial market approach will focus on proving the technology with route-based vehicle fleets, in industries such as package delivery, ridesharing, and public/private transit. Drive.ai is licensed to test autonomous vehicles in the state of California.

Elitic, Inc.

enlitic.com

Enlitic, Inc. is a deep learning company dedicated to improving healthcare diagnostics. Enlitic's algorithms were engineered from the ground up by a multidisciplinary team of renowned data scientists, machine learning practitioners and medical experts in order to provide faster, and more accurate medical diagnoses. Enlitic's technology analyzes and learns from vast quantities of unstructured medical data, including radiology and pathology images, laboratory results, genomics, patient histories and electronic health records. Using millions of records, Enlitic's Deep Learning technology can assist radiologists by improving accuracy, reducing costs, and facilitating early detection in order to improve outcomes.

fido.ai

fido.ai

Fido Artificial Intelligence turns a decision-making process into a conversation. It learns automatically by extracting facts and opinions from articles, blogs, social media and more. Fido Decision Engine is used for a wide range of applications, including: fact-checking, making decisions in hospitality and travel, e-commerce and more; answering healthcare questions based on clinical data, patient and doctor conversations etc.; product development and marketing. Fido has married symbolic approach known for the highest precision and predictability with self-learning neural networks. This patented approach enables to understand the English language without the "human bottleneck" - the need for training or labeling data for specific domains of expertise. Fido.ai is a spinoff from AI Lab in Europe, that has developed this new hybrid approach while building bots and AI products for Fortune 500 companies and govements. Meet Ada, a Bot that reads and learns from reviews: youtube.com/watch?v=FkM1foMZm7U

Freenome

freenome.com

Freenome is building software to understand the changes in plasma cell-free DNA (cfDNA) patterns over time. By studying normal cfDNA dynamics Freenome discovered signatures for early cancer detection that outcompete existing screening methods from a single blood draw in Prostate, Lung, Colorectal, and Breast cancers. In addition, the deep learning models have been leveraged to distinguish disease subtypes such as castration-sensitive from castration-resistant prostate cancer. Thus, the resolving power of Freenome's software enables both disease diagnosis and personalized treatment recommendation from the same platform. Freenome raised $5.5M from Andreessen Horowitz, Founders Fund, and DCVC, and partnered with UCSF, Stanford, Duke, Emory, NYU, and several other centers to expand the validation of Freenome's technology.

Gigster

gigster.com

Gigster puts a world-class software development team in your pocket. Software is becoming an essential tool for every business with global IT spend reaching $2.3T, yet very few have easy access to quality, managed talent when they need custom software. Gigster is changing the way software is created by building the perfect team for every project, giving clients a single point of contact with their product manager, and completing it for a fixed price. The emerging viability of artificial intelligence and data science have recently made this possible. Intelligent tools powered by data from thousands of past projects take Gigster freelancers, already among the best in the world, to superhuman levels of efficiency. Gigster was founded in 2014 and has worked with companies from seed-stage startups to enterprises like IBM, World Bank, Airbus, Square, and Mastercard. Gigster has raised $12M from Andreessen, Greylock, Bloomberg, and Y Combinator.

Gradescope

gradescope.com

Gradescope is using AI to help instructors grade their students' work. Instructors do not need to compromise on assessment quality — their software lets instructors give out their existing paper-based exams or homework assignments, but then grade them online. Instructors save time, while grading consistently and transparently. Students get rich, personalized feedback in a shorter amount of time. They also keep track of the exact reason behind every point earned by every student on every question. This enables unprecedented data analytics: for example, they can reveal which concepts a student needs help with, or which questions are too difficult. To date, Gradescope has been used to grade over 12 million pages of student work at more than 200 institutions worldwide.

GrokStyle Inc.

grokstyle.com

Given a photo, consumers want answers to questions like "What is this product? Where can I buy it?", "Show me where/how people are using this product", "Who in the world is posting about this product?" GrokStyle provides these answers using innovations in deep learning technology, developed by co-founders Dr. Sean Bell (CEO) and Prof. Kavita Bala (Chief Scientist). GrokStyle is developing software for visual search to enable instant recognition of an object. The techniques they are developing can be applied broadly to domains like interior design, apparel search, real estate search, product lookup, etc. The company's current focus is on interior product design. GrokStyle will provide new capabilities to consumers and retailers to assist in matching a consumer's desired product with the correct or closest matching product based a visual similarity.

H2O.ai

h2o.ai

H2O.ai is the maker behind H2O, the leading open source AI platform for data products. With H2O, a plethora of machine learning models (from linear models to tree-based ensemble methods to Deep Learning) can be trained from R, Python, Java, Scala, JSON, H2O's Flow GUI, or the REST API, on laptops or servers running Windows, Mac or Linux, in the cloud or on premise, on clusters of up to hundreds of nodes, on top of Hadoop or with the Sparkling Water API for Apache Spark. Some of H2O's mission critical applications include fraud, anti-money laundering, auditing, churn, credit scoring, user based insurance, ICU monitoring, predictive maintenance, operational intelligence and more in over 7,000 organizations. H2O is brewing a grassroots culture of data transformation in its customer communities. Customers include Capital One, Progressive, Zurich, Transamerica, Comcast, Nielsen Catalina Solutions, Neustar, Macy's, Walgreens, Kaiser Permanente and Aetna.

iCarbonX

icarbonx.com

Based on the world's most professional and exponentially increasing holographic health data, they will provide individualized health analysis and prediction of health index through the most advanced data mining and machine analysis technologies. Together with the world's leading partners, they plan to observe, study, guide and take care of one's health from the beginning of one's life. Multiple companies have established collaboration and/or cooperation with us, including research institutions, pharmaceutical factories, medical examination centers, hospitals, insurance companies and health management companies, etc.

InsideSales.com

insidesales.com

Since its founding in 2004, InsideSales.com has developed a robust platform that uses technology backed by the core ingredients of real AI (big data, machine learning and predictive analytics, made actionable with an application layer) to solve the who, what, where, when and how of sales. As more and more of the tech industry's titans enter the artificial intelligence (AI) market, this AI fueled sales acceleration platform positions InsideSales at the forefront of this wave. InsideSales.com has received numerous accolades for its technology, including being named to the CNBC Disruptor 50 and Forbes Cloud 100 lists, and earning recognition as one of the fastest growing companies, according to Inc. InsideSales.com enterprise customers include ADP, Microsoft and Groupon.

Kasisto

kasisto.com

KAI, a conversational AI platform, enables companies to engage and transact with their customers via intelligent conversations, anytime, anywhere. KAI Banking is fluent in banking with thousands of intents and millions of banking sentences. Financial institutions power smart bots on messaging platforms like Facebook Messenger and virtual assistants in their mobile apps to fulfill requests, solve problems, and predict needs for their customers. KAI-powered bots and assistants help with payments, transaction and account insights, and personal finance management. They also provide new ways for banks to support and market product and services. The experience is as natural as texting a friend because KAI understands human-like conversations including idiosyncratic phrases, rapid topic changes and interruptions. KAI keeps track of the flow of conversations versus just natural language understanding – staying focused on customers' goals and interpreting the context of a conversation. It enables lifestyle banking with financial decisions woven into everyday life.

Kensho Technologies

kensho.com

Kensho is empowering financial institutions with technology that brings transparency to markets. Kensho is pioneering real-time statistical computing systems and scalable analytics architectures—the next generation of improvements to the global financial system. Kensho harnesses massively-parallel statistical computing, user-friendly visual interfaces and breakthroughs in unstructured data engineering and predictive analytics to create the next-generation analytics platform for investment professionals. Addressing the most significant challenges surrounding investment analysis on Wall Street today-achieving speed, scale, and automation of previously human-intensive knowledge work-Kensho's intelligent computer systems are capable of answering complex financial questions posed in plain English, and in real-time.

KITT.AI

kitt.ai

KITT.AI is a Seattle-based Natural Language Understanding startup supported by the Allen Institute for Artificial Intelligence, Amazon Alexa Fund, Founders' Co-op and Madrona Venture Group. KITT.AI's customizable hotword detector and conversation engine ChatFlow bring always-on and multi-turn dialogue capabilities to any voice or text based devices/bots.

KONUX GmbH

konux.com

Munich-based IIoT company KONUX combines sensor data and artificial intelligence to generate real-time insights into the health of machines and infrastructure. This holistic approach enables operators to analyze machine problems and predict maintenance needs ahead of time. Clients benefit from decreases in maintenance costs of up to 30% and reductions in machine breakdowns of up to 70%. The KONUX solution replaces outdated manual inspection methods with smart sensors that continuously transmit asset condition data to the KONUX Andromeda software platform. There, the data is analyzed using machine learning algorithms and visualized using a customized front end. The system notifies of critical events in real time and gives recommendations for optimal planning of maintenance operations. KONUX is currently digitizing Deutsche Bahn's high-speed railway network through condition monitoring of switches nationwide. This helps Deutsche Bahn significantly reduce inspection and maintenance costs, decrease train delays and improve worker safety.

Logz.io

logz.io

Logz.io is a log analysis platform that uses AI and and machine-learning algorithms to find critical events in the volumes of information that are now constantly generated in IT environments. Created by a Check Point veteran and a former algorithm engineer for the Israeli military, the enterprise-grade, cloud platform is built on top of the ELK Stack and provides real-time access to data insights based on the collaborative knowledge of system administrators, DevOps engineers, and developers throughout the world. The ELK Stack — Elasticsearch, Logstash, and Kibana — is the world's most popular open-source log analytics software stack.

Loop AI Labs

loop.ai

Loop AI Labs' cognitive platform Loop Q is a technology that enables organizations in any industry to stay competitive during the Fourth Industrial Revolution by augmenting the capacity of current workforce. With its ability to learn, parse context and understand meaning, the Loop Q platform reasons on dark data in any language, and applies that Human Capacity to power Robotic Process Automation (RPA). These cognitively-enabled applications powering RPA are custom-built by the global network of Loop Certified Partners, already working in the Digital Transformation of Forbes 2000 clients in Asia, Europe and America. The Q platform is a fully unsupervised cognitive computing technology consisting of proprietary Human Capacity cognitive algorithms integrated into a custom-built High Performance Computing GPU accelerated hardware. Loop Q builds on a long history of research and articulates several disciplines of science and technology, including linguistics, psychology, neuroscience, supercomputing, and AI.

Lunit Inc.

lunit.io

Lunit is an AI-centric company and develops a visual perception technology that interprets medical images and visualizes abnormal regions based on its own data-driven criteria. The company gained international attention after achieving the highest rank among start-up teams in the ImageNet Large-scale Visual Recognition Challenge (ILSVRC) 2015. Based on the expertise in deep learning, Lunit has been working on abnormality detection in chest x-ray, mammography as well as automatic grading of breast histopathology slides. The high level of Lunit's technology has been well demonstrated, presented 4 scientific abstracts in Radiological Society of North America (RSNA) 2016 and won the first place in the Tumor Proliferation Assessment Challenge (TUPAC) 2016 ahead of IBM and Microsoft. Lunit envisions a constructive partnership between physicians and technology in becoming "better together" faced with challenges in accurate diagnoses of diseases.

Maluuba

maluuba.com

Maluuba is a Canadian deep-learning company helping machines to think, reason and communicate with human-like intelligence. Their vision is a world where intelligent machines work hand-in-hand with people to bring about positive social and economic impacts. Their research team is dedicated to tackling big challenges in machine intelligence. With a focus on deep learning and reinforcement learning, they work closely with industry and academic partners like the Montréal Institute for Learning Algorithms (MILA) and McGill University. They share their research findings through academic papers and datasets and they present at AI conferences. They work with enterprise partners in communications, customer experience, technology and professional services, applying their research to help develop products and services powered by natural language understanding. Maluuba has offices in Montréal, a global hub for AI research, and in Waterloo, home to many of Canada's leading technology companies.

MindMeld

mindmeld.com

MindMeld is a technology company based in San Francisco, California. MindMeld's Deep-Domain Conversational AI platform takes natural language voice or text inputs and delivers a conversational UI at the other end to any device of application. The conversational UI can take the form of a chat assistant, a voice assistant, or a multi-modal interface that switches seamlessly between touch, type and speech. The assistant maintains ongoing dialog using these modalities to either conduct search (e.g. for shopping) or answer questions (e.g. for customer support). MindMeld's language models are built on customers' data sets, allowing for an advanced degree of functionality in proprietary content domains — even across massive domains with billions of permutations of queries. MindMeld's customers and investors include Google, Samsung, Uniqlo, Spotify, Intel, Telefonica, Liberty Global, IDG, USAA, In-Q-Tel and others.

Mobvoi

chumenwenwen.com/en/site/index.html

Mobvoi is an innovative AI company with in-house voice search technologies: speech recognition, natural language understanding, vertical search and proactive search. In October 2015, Mobvoi closed series-C round financing led by Google Inc. This was Google's first direct investment in a Chinese company in the past six years. Since founding in late 2012, the company has raised over $75 million with a valuation of $300 million as of October 2015. Leveraging its voice search technologies, Mobvoi developed the smartwatch operating system Ticwear in late 2014 and launched Ticwatch, the online best-selling Android based smartwatch in China, in June 2015.

mode.ai

mode.ai

mode.ai's interactive user-experience and interface capitalizes on users' own holistic and subjective notions of similarity. mode.ai's AI is uniquely suited to facilitate visually-driven, conversational experiences. mode.ai is in the business of building AI-powered visual bots for retailers and publishers (B2B2C offering) using computer vision and deep learning, to provide an innovative conversational commerce channel on mobile messaging platforms. Their technology invites users to find visually similar items ('more like this'), get styling suggestions ('wear it with'), experience virtual reality ('show on me') and much more.

Nanit

nanit.com

Nanit is the first baby-safe monitor that uses computer vision technology to measure sleep and provide scientifically backed insights for parents to help their babies sleep better — all without a wearable. Nanit was developed in conjunction with doctors and sleep experts to ensure the device tracks the most important metrics. The camera provides a high-resolution bird's eye view of the crib, and its sensors can measure and differentiate between even the slightest behavioral changes. Nanit's AI gradually familiarizes itself with baby's behavior over time and delivers personalized insights to help improve sleep. Nanit is the only monitor on the market that provides sleep insights, behavioral analysis, parenting tips, social sharing capabilities and nightly video summaries. Other features include a private social feed for parents and caregivers to communicate; floor stand with easy installation; night light and white noise maker; fully integrated cable management system; and humidity/temperature sensors.

Narrative Science

narrativescience.com

Narrative Science is the leader in Advanced NLG for the enterprise. Its Quill™ platform, an intelligent system, analyzes data from disparate sources, understands what is interesting and important, then automatically generates perfectly written narratives to convey the right meaning from the data for any intended audience, at machine scale. It excels where data visualizations fall short: it identifies and conveys relevant information in conversational language that people can immediately comprehend, trust and act on. Organizations rely on Narrative Science to better serve customers with useful written content and to increase efficiency, freeing employees to focus on high-value activities and innovation.

Nauto

nauto.com

NAUTO is a device, network and app that is an affordable way to upgrade cars to get network and safety features previously only available in high-end luxury cars. NAUTO's system includes an in-vehicle device that collects and processes visual data in a smart and secure cloud, which then produces valuable insights to help drivers operate vehicles more efficiently, effectively and safely.

Nexar

getnexar.com

Founded in 2015, Nexar set a mission to rid the world of car crashes with its vehicle-to-vehicle technology. The company has created a network of connected Dashcam apps that record the drive and alerts you to potential incidents ahead of time. In the event of a crash, the Nexar app can provide drivers with evidence of events as they occurred to help them with their insurance claim. Leveraging millions of crowdsourced road miles jointed with sensor-fusion, deep-learning, map-layering and artificial intelligence technologies Nexar provides a series of data products and services for the Automotive, Insurance and Mapping industries. Nexar is a member of the Berkeley DeepDrive Industry Consortium, a research alliance that develops AI-based perception applications for the automotive industry.

Numenta

numenta.com

Numenta's mission is to be a leader in the new era of machine intelligence. They believe the brain is the best example of an intelligent system, providing a roadmap for building intelligent machines. The brain's center of intelligence, the neocortex, controls a wide range of functions using a common set of principles. Numenta has developed several HTM example applications to demonstrate the wide applicability of their technology. They put all of their research and software implementations into open source and encourage others to join us in building a community. From a commercial point of view, they license their technology and intellectual property.

Numerai

numer.ai

Numerai is a new kind of hedge fund built by a network of data scientists. Numerai manages an institutional grade long/short global equity strategy for the investors in their hedge fund. They transform and regularize financial data into machine learning problems for their global community of data scientists. In December 2015, they created the world's first encrypted data science tournament for stock market predictions. The most accurate and original machine learning models from the world's best data scientists are synthesized into a collective artificial intelligence that controls the capital in Numerai's hedge fund. They reward outstanding contributions from the data science community with Bitcoin. Learn more at http://numer.ai/about

nuTonomy

nutonomy.com

Cambridge, MA-based nuTonomy develops state-of-the-art software systems for self-driving vehicles. The company was founded by two world-renowned experts in robotics and intelligent vehicle technology, Drs. Karl Iagnemma and Emilio Frazzoli of MIT. The nuTonomy system will provide point-to-point mobility via large fleets of autonomous vehicles; this includes software for autonomous vehicle navigation in urban environments, smartphone-based ride hailing, fleet routing and management, and controlling a vehicle remotely through teleoperation. The company is currently conducting public trials of its autonomous ride-hailing service in Singapore, and will soon begin testing its self-driving vehicles on public roads in Boston.

Orbital Insight

orbitalinsight.com

Orbital Insight works at the intersection of big data and the commercialization of space and is the first mover in large-scale analysis of satellite and UAV imagery. The company has developed algorithms to count and measure cars, roads, airplanes, clouds, haze, freshwater lakes, agricultural fields, buildings, and oil tanks to provide a big-picture understanding of the world quantitatively grounded in observation.

Paxata

paxata.com

Paxata is an Adaptive Data Preparation platform for the enterprise. Paxata's platform provides an interactive, analyst-centric data prep experience powered by a unified set of technologies designed from the ground up for data integration, data quality, semantic enrichment, collaboration and governance. Information-driven organizations who want to make data worth analyzing use Paxata to explore, clean, shape, and combine all the data they need into rich AnswerSets which power ad hoc, operational, predictive and packaged analytics. Paxata's platform, built on Apache Spark and optimized to run in Hadoop environments, leverages distributed computing, machine learning and a dynamically visual workspace that promotes transparent governance and ad hoc collaboration. Paxata data prep, powered by IntelliFusion, is designed to eliminate the need for coding, scripting and sampling. The solution is available as a service, and can be deployed in AWS virtual private clouds or within Hadoop environments at customer sites.

Persado

persado.com

Persado's cognitive content platform generates language that inspires action. Powered by focused AI technologies, the platform arms Fortune 500 companies and other organizations with "smart content" that maximizes engagement with any audience, for every touchpoint, at scale, while delivering unique insight into the specific triggers that drive action.

Petuum, Inc.

petuum.com

Petuum is creating a development platform that serves the full spectrum of Artificial Intelligence and Machine Learning applications. They empower organizations to create AI/ML solutions that are correct, fast, scalable, and consume minimal computing resources. Their omni-source platform processes and integrates data in different formats such as numeric, textual, imagery, tabular, structured or unstructured, static or streaming from diverse sources like social media, consumer profiles, electronic health records, sensor logs from IoT devices, transaction logs from financial systems, and machine logs from manufacturing equipment. It is also omni-lingual, programmable with multiple popular languages such as Python, R, Java, C++, and Julia. It's also omni-mount, supporting different hardware platforms such as datacenters, workstations, laptops, mobile, and embedded devices.management, and beyond.

Pilot AI Labs

pilot.ai

Deep learning has enabled large improvements in the accuracy and robustness of computer vision systems, enabling revolutionary applications such as intelligent security cameras and self-driving cars. Traditionally, these improvements in accuracy and robustness have come at a cost of high computational requirements, limiting the applications that deep learning can benefit. Pilot AI Labs aims to expand the applications that ing can benefit by significantly reducing the compute requirements of these algorithms, with the goal of enabling embedded applications without the need for custom silicon. Pilot AI licenses its software to others, and counts several public multi-national corporations as its customers. Pilot AI's software will be deployed in millions of devices by early 2017.

Prospera Technologies

prospera.ag

Prospera is developing artificial intelligence for agriculture to transform farming from an intuition-based practice to one that will use statistical models and automation in a way similar to silicon chip manufacturing, with protocols that optimize workforce, irrigation, fertilization and spraying. With in-field cameras and climatic sensors, Prospera is the only company that offers accurate remote agronomy and management solutions to farmers around the world. With an end-to-end data sciences approach to acquire, analyze and turn all in-field data into actions, growing practices will be measured more accurately, and "growing campaigns" will be more similar to today's advertising campaigns in terms of understanding ROI, bench-marking and optimization. By measuring and analyzing the finite variables which affect crops in greenhouses and farms, Prospera offers solutions to empower farmers with real-time and predictive analysis on what is happening to their crops from a leaf by leaf basis to a multi-field basis, allowing them to tackle critical issues of underperforming fields.

Rapidminer

rapidminer.com

RapidMiner, the industry's #1 open source data science platform, is disrupting the industry by empowering all organizations to put data science behind every decision. Their visually-based software accelerates the process of creating predictive analytics models and makes it easy to get the results embedded in business operations. RapidMiner also democratizes data science through its expert marketplace by connecting its vast community of expert users with organizations seeking to begin data science projects at a fraction of the cost of existing solutions.

Retention Science

retentionscience.com

All of your users are different. Some are new, some will never buy, while others are always looking to purchase more. Retention Science built Artificial Intelligence (Cortex) to market to each person in a relevant way that coincides with where they are in their buying lifecycle.

Rokid Corporation, Ltd.

rokid.com

Rokid features advanced artificial intelligence and deep learning that enrich life by proactively delivering information, providing entertainment, and performing household chores via voice and visual interactions. Rokid is not just another high tech gadget, but a resourceful family companion in smart homes. In addition to its sharp, modern design, it embodies a warm and unique personality, with intuitive conversational abilities and recognition of individual family members — making it beyond a robotic device. Rokid emphasizes premium quality in every facet of the build from software and hardware to industrial design and manufacturing. With their full-stack technologies, developed in-house, Rokid's industry-leading performance is based on the company's proprietary software and hardware designs.

ROSS Intelligence

rossintelligence.com

ROSS Intelligence uses artificial intelligence to allow attorneys to do more than was ever humanly possible and focus on what matters most – their clients. Co-founded in 2014 by Andrew Arruda, Jimoh Ovbiagele and Pargles Dall'Oglio, ROSS developed a proprietary framework, LegalCognition and has combined with IBM Watson, an early partner of ROSS Intelligence. ROSS' first legal A.I. went live in the area of legal research, allowing attorneys to perform tedious research tasks in seconds rather than hours. A graduate of Y Combinator's 2015 class and NextLaw Labs, ROSS is currently partnered with a variety of in-house teams, bar associations, and law schools, and has a client base that includes Dentons, the world's largest law firm by headcount, and Latham & Watkins, the world's largest law firm by revenue.

Scaled Inference

scaledinference.com

Scaled Inference is enabling a new generation of intelligent software built by the masses and powered by an open shared platform.

Semantic Machines, Inc.

semanticmachines.com

Semantic Machines is a privately held Artificial Intelligence technology developer with offices in Berkeley, California and Boston, Massachusetts. Backed by $21M in venture capital from Bain Capital Ventures, General Catalyst and others, the company is creating the fundamental AI technology needed to teach computers to understand language, comprehend context and interact naturally. The company plans to provide its highly customizable AI platform technology to strategic partners. The company website is semanticmachines.com.

Sentient Technologies

sentient.ai

Sentient's mission is to transform how businesses tackle their most complex, mission-critical problems by empowering them to make the right decisions faster. Sentient's technology has patented evolutionary and perceptual capabilities that will provide customers with highly sophisticated solutions, powered by the largest computer infrastructure dedicated to distributed artificial intelligence.

Shift Technology

shift-technology.com

Shift Technology provides insurance companies with a SaaS solution designed to improve and scale fraud detection. The solution, which can be rapidly implemented in as little as four months, seamlessly integrates with the client's existing operational processes and technical context. Their Data Scientist team creates tailored algorithms designed to reproduce an investigator's deducting reasoning. Once the tool is fed with client claims, their customized solution aggregates and analyzes the data. The client can see results by logging into an easy-to-read/ customized dashboard highlighting the most suspicious cases. Each claim is tagged with the potential risk of fraud along clear insights on what makes the claim suspect. While there are many existing fraud detection tools that can provide the "where" and the "when" Shift helps the fraud handler determine the "why" and the "how" and can identify not only the policyholder, but also service providers and full networks of actors that could be part of the scam.

Sift Science

siftscience.com

Sift Science provides real-time machine learning fraud prevention solutions for online businesses across the globe. Its machine learning software automatically learns and detects fraudulent behavioral patterns, alerting businesses before they or their customers are defrauded. Beyond this, the company has also launched a new set of products designed to detect and mitigate additional types of fraud and abuse, including: account abuse, content abuse, and promo abuse.

Sight Machine

sightmachine.com

Sight Machine is the category leader for manufacturing analytics and used by Global 500 companies to make better, faster decisions about their operations. Sight Machine's analytics platform, purpose-built for discrete and process manufacturing, uses artificial intelligence, machine learning, and advanced analytics to help address critical challenges in quality and productivity throughout the enterprise. The platform delivers "AI for the plant floor" and is powered by the industry's only Plant Digital Twin (patent pending), which enables real-time visibility and actionable insights for every machine, line, and plant throughout an enterprise. Founded in Michigan in 2011 and expanded to the Bay Area in 2012, Sight Machine fuses the spirit of Silicon Valley technology innovation with rock-solid Detroit manufacturing. Its team includes the founders of Slashdot along with leadership from early Yahoo, Palantir, Tesla, Cisco, IBM, McKinsey, and Apple.

SigOpt

sigopt.com

SigOpt is the optimization platform that amplifies your research. SigOpt takes any research pipeline and tunes it, right in place. Their cloud-based ensemble of optimization algorithms is proven and seamless to deploy, and is used by globally recognized leaders within the insurance, credit card, algorithmic trading and consumer packaged goods industries. SigOpt was born out of the desire to make experts more efficient. While co-founder Scott Clark was completing his PhD at Cornell he noticed that often the final stage of research was a domain expert tweaking what they had built via trial and error. After completing his PhD, Scott developed MOE to solve this problem, and used it to optimize machine learning models and A/B tests at Yelp. SigOpt was founded in 2014 to bring this technology to every expert in every field.

Skymind

skymind.io

Skymind is the Red Hat of artificial intelligence. It provides support, training and services around an enterprise distribution of its open-source libraries called the Skymind Intelligence Layer (SKIL). These libraries include Deeplearning4j, the most widely used deep learning tool for Java; and the scientific computing library ND4J, or n-dimensional arrays for Java (Numpy for the JVM). Deep learning can equal and surpass expert human accuracy on many pattern recognition tasks, and Skymind is applying it to old, hard business problems such as fraud detection, network intrusion detection, hardware breakdown prediction, churn prediction, market forecasting and image recognition. Skymind's customers are in such sectors as financial services, telecoms, manufacturing, healthcare and retail. Skymind's open-source software integrates with the rest of the AI stack, working with tools such as Hadoop, Spark, Kafka, and ElasticSearch. Skymind works with large clients on-premise and in the hybrid cloud to ensure data privacy and security.

Snips

snips.ai

Snips is an SDK enabling anyone to create their own AI assistant, in a single line of code. It was built with security and privacy in mind, and is the first assistant to run fully on device, without the need for a server.

There are 41 people in the team, including 18 on machine learning and 14 on engineering. All Founders are PhDs, and the leadership is comprised of serial entrepreneurs in the Privacy and Mobile space. SDK features NLP, natural language queries by voice or text, robust query understanding using deep learning, recursive query solving, pre-trained domains for multiple languages. It also uses context awareness and privacy technology: contextual disambiguation of entities from location, calendar, emails, and chats. And it runs fully on device, including neural nets and is private by design: no data leaves the user's device. It's available on mobile (iOS, Android); server and desktop (Java, Scala, MacOS), and the IoT (TvOS, WatchOS, Android Things).

SparkCognition

sparkcognition.com

A global leader and highly awarded cognitive computing analytics company, SparkCognition is successfully deploying cutting-edge Machine Learning and AI algorithms to provide intelligence to uncover trends, anomalies, and cyber-physical threats while automatically investigating and proposing solutions in IoT and network environments. SparkCognition combines data from various sources, applies machine learning to build automated models, and uses them to develop deep insights into underlying performance, optimization, and security. The company's technology is capable of harnessing real time infrastructure data and learning from it continuously, allowing for more accurate risk mitigation and prevention policies to intervene in and avert disasters. The company's cybersecurity solutions analyze structured and unstructured data and natural language sources to identify potential failures or attacks in the IoT environment. The cognitive platform continuously learns from data and derives automated insights to thwart emerging issues.

TalkIQ

talkiq.com

Voice calls are the enterprise's most important data stream. They represent 68% of customer contact, versus just 21% for email and chat. They are how companies sell to customers and service their needs. But this data — insights from the most critical customer conversations — is not being captured, analyzed, or leveraged to grow and improve business. TalkIQ has built a proprietary speech recognition and AI engine for enterprise voice calls which is 2X more accurate than Watson and 3X more accurate than Google on these conversations. TalkIQ enables sales and support teams to, for the first time, take a scientific approach to understanding and optimizing key moments across their processes, including recognizing purchase intent, handling objections, responding to competitors, pricing, building rapport, and closing. As a result, companies win more deals, retain more accounts, and improve their marketing and product strategies to drive significant improvements against their most important KPIs.

Talla

talla.com

Talla gives you the power to turn your chat platform into a command center for your company. Talla combines the tools, processes, and intelligent automation you need to manage information workflows within messaging systems, including Slack. Use Talla to enable business processes in chat, such as onboarding employees, training on new skills, polling, and building out custom experiences. You'll be able deliver and gather important information for your team, keeping everyone knowledgeable, engaged, and productive. Founded in 2015, Talla is based in Cambridge, MA.

Tamr Inc.

tamr.com

Tamr delivers the clean, curated data critical for optimizing key decisions. Tamr's unique machine-drive plus human-guided solution automates the mastering and organization of enterprise-wide data (suppliers, customers, products, transactions) that enables previously unattainable cost and revenue analytics. Tamr works with Global 2000 companies like Amgen, GE, GlaxoSmithKline, Thomson Reuters, and Toyota to help fuel transformational analytics. Based in Cambridge, Mass., Tamr was founded in 2013 by database industry veterans Andy Palmer, Mike Stonebraker and Ihab Ilyas

Textio

textio.com

Textio empowers you to be the best writer you can be, by predicting how well your content will perform before you ever publish it. Textio is built on predictive engine technology that combines machine learning and natural language processing with a customer data exchange. The result is a learning loop that joins artificial intelligence to human creativity, becoming smarter with every keystroke. Textio's first domain focus is on content for recruiting and hiring such as job posts and candidate emails. Textio scores your writing and highlights your most statistically significant phrases, and then offers clear guidance to help you improve your document's performance. Case studies show that companies using Textio will attract a cohort of job applicants that is on average 24% more qualified and 12% more diverse than those applying to the competition — and Textio customers fill positions on average 17% faster.

Trifacta

trifacta.com

Trifacta, founded in 2012, significantly enhances the value of an enterprise's Big Data by enabling users to easily transform raw, complex data into clean and structured formats for analysis. Leveraging decades of work in human-computer interaction, scalable data management and machine learning, Trifacta's technology creates a partnership between user and machine, with each side learning from the other and becoming smarter with experience. Whether you're trying to improve the efficiency of an existing analysis process or utilize new sources of data for an analytics initiative, Trifacta's data wrangling solutions will empower you to do more with data of all shapes and sizes.

twoXAR

twoxar.com

twoXAR is a software-driven drug discovery company. The company leverages its computational platform to identify promising drug candidates, de-risks the opportunities through preclinical studies, and progresses drug candidates to the clinic through industry partnerships. The platform has been applied to more than 80 diseases to date. In collaboration with leading research institutions including Stanford, University of Chicago, and Mt. Sinai Hospital, twoXAR has uncovered promising new medicines for diseases such as arthritis, multiple sclerosis, and cancer.

Ubtech

ubtrobot.com

UBTECH is a high-tech enterprise engaging in the R&D, manufacturing and promotion of commercial and consumer robots around the world. The first company in China dedicated to commercializing humanoid robots, UBTECH invested in humanoid robots research in 2008, and, in 2012, established its headquarters in Shenzhen, China. UBTECH's mission is to bring robots into every home, and truly integrate intelligent robots into the daily life of everyone, creating a more intelligent and human-friendly way of leisure life. UBTECH will do this with continuous investment in R&D to keep the core competence and a dedicated robotic hardware and software technology development with a top robotic engineering team. They also aim to have the most intellectual patents in the humanoid service robotic industry, including invention patents, industrial design patents, and practical patents. UBTECH will also maintain its own manufacturing center and supply chain.

Verdigris

verdigris.co

Verdigris is an artificial intelligence and IoT platform that makes buildings smarter and more connected while reducing energy consumption and costs. By combining proprietary hardware sensors, machine learning, and software, Verdigris "learns" the energy patterns of a building. Their software produces comprehensive reports including energy forecasts, alerts about faulty equipment, maintenance reminders, and detailed energy usage information for each and every device and appliance. Verdigris offers a suite of applications that gives building engineers a comprehensive overview, an "itemized utility bill", powerful reporting, and simple automation tools for their facility.

Vicarious Systems

vicarious.com

Vicarious is an artificial intelligence research company that uses the computational principles of the brain to build software designed to think and learn like a human. Leveraging a new computational paradigm called the Recursive Cortical Network, the company has developed a visual perception system that interprets the contents of photographs and videos in a manner similar to humans. The research at Vicarious is expected to have applications for robotics, medical image analysis, image and video search, and many other fields.

Voyager Labs

voyagerlabs.co

Founded in 2012, Voyager Labs developed core technology with unprecedented capabilities for analyzing in real time billions of data points worldwide from multiple sources in order to understand and predict human and group behavior and create real-time actionable insights. The company's cognitive computing deep-insights platform features unprecedented capabilities for analyzing in real-time billions of publicly available unstructured data points. With offices in New York, Washington and London, and R&D center in Israel, the company currently employs more than 90 employees.

x.ai

x.ai

Founded in 2014, x.ai makes an artificial intelligence personal assistant who schedules meetings for you. There's no sign-in, no password, no download. All you do is CC amy@x.ai into your email conversation, just like you would a human personal assistant. Amy (or her twin brother Andrew) then takes over the tedious email ping pong that comes along with scheduling a meeting. They're a hardcore technology company, developing invisible software. They build their business sustainably through passionate and loyal customers—and every single team member, scientist or not, has a mission of delivering exceptional customer service at all times. They're backed by blue chip investors, including IA Ventures, Firstmark, Two Sigma Ventures, SoftBank Capital, DCM and Pritzker Group. Their team is located in New York City.

Zebra Medical Vision

Zebra-med.com

Zebra Medical Vision is building a medical imaging insights platform. The company provides a platform that offers a cloud-based, fully hosted research and development environment including access to large datasets of structured, de-identified studies, storage, GPU computing power and support for a multitude of research tools. The solution also enables research groups to collaborate and create joint tools.

Zoox

www.zoox.com

Zoox is a robotics company founded by Tim Kentley-Klay and Jesse Levinson. They're developing fully-autonomous vehicles and the supporting ecosystem required to bring this technology to market. Sitting at the intersection of robotics, machine-learning, and design, Zoox aims to provide the next generation of mobility-as-a-service in urban environments. They believe the transition to self-driving vehicles requires a combination of elegant vision and uncompromising execution.

Zymergen

zymergen.com

Zymergen is a technology company unlocking the power of biology. Zymergen has developed a proprietary platform, which uses robots and machine learning to engineer microbes faster, more predictably, and to a level of performance previously unattainable. These microbes, and the products they produce, have broad applications across industries such as chemicals and materials, agriculture, and healthcare. Zymergen works with customers in these industries to improve the economics of existing products, bring new products to market faster, and to develop entirely new products.