RESOURCES

Machine Learning and Data Science

[Machine Learning (Coursera, Andrew Ng)](#)

[Intro to Machine Learning (Udacity)](#)

[Machine Learning Foundations: A Case Study Approach (Coursera)](#)

[Microsoft Data Science](#)

[Python for Data Science cheat sheet](#)

Free Online Books

[Deep Learning](#) by Yoshua Bengio, Ian Goodfellow and Aaron Courville (05/07/2015)

[Neural Networks and Deep Learning](#) by Michael Nielsen (Dec 2014)

[Deep Learning](#) by Microsoft Research (2013)

[Deep Learning Tutorial](#) by LISA lab, University of Montreal (Jan 6 2015)

[Neuraltalk](#) by Andrej Karpathy : numpy-based RNN/LSTM implementation

[An introduction to genetic algorithms](#)

[Artificial Intelligence: A Modern Approach](#)

[Deep Learning in Neural Networks: An Overview](#)

Courses

[Machine Learning - Stanford](#) by Andrew Ng in Coursera (2010-2014)

[Machine Learning - Caltech](#) by Yaser Abu-Mostafa (2012-2014)

[Machine Learning - Carnegie Mellon](#) by Tom Mitchell (Spring 2011)

[Neural Networks for Machine Learning](#) by Geoffrey Hinton in Coursera (2012)

[Neural networks class](#) by Hugo Larochelle from Université de Sherbrooke (2013)

[Deep Learning Course](#) by CILVR lab @ NYU (2014)

[A.I - Berkeley](#) by Dan Klein and Pieter Abbeel (2013)

[A.I - MIT](#) by Patrick Henry Winston (2010)

[Vision and learning - computers and brains](#) by Shimon Ullman, Tomaso Poggio, Ethan Meyers @ MIT (2013)

[Convolutional Neural Networks for Visual Recognition - Stanford](#) by Fei-Fei Li, Andrej Karpathy (2017)

[Deep Learning for Natural Language Processing - Stanford](#)

[Neural Networks - usherbrooke](#)

[Machine Learning - Oxford](#) (2014-2015)

[Deep Learning - Nvidia](#) (2015)

[Artificial Intelligence- Swayam](#) (2017-18)

[Graduate Summer School: Deep Learning, Feature Learning](#) by Geoffrey Hinton, Yoshua Bengio, Yann LeCun, Andrew Ng, Nando de Freitas and several others @ IPAM, UCLA (2012)

[Deep Learning - Udacity/Google](#) by Vincent Vanhoucke and Arpan Chakraborty (2016)

[Deep Learning - UWaterloo](#) by Prof. Ali Ghodsi at University of Waterloo (2015)

[Statistical Machine Learning - CMU](#) by Prof. Larry Wasserman

[Deep Learning Course](#) by Yann LeCun (2016)

[Designing, Visualizing and Understanding Deep Neural Networks-UC Berkeley](#)

[UVA Deep Learning Course](#) MSc in Artificial Intelligence for the University of Amsterdam.

[MIT 6.S094: Deep Learning for Self-Driving Cars](#)

[MIT 6.S191: Introduction to Deep Learning](#)

[Berkeley CS 294: Deep Reinforcement Learning](#)

[Keras in Motion video course](#)

[Practical Deep Learning For Coders](#) by Jeremy Howard - Fast.ai

[Introduction to Deep Learning](#) by Prof. Bhiksha Raj (2017)

[CS 20: Tensorflow for Deep Learning Research](#)

Deep Learning Online Certifications

[Deep Learning Specialization by Andrew Ng in Coursera](#)

[Deep Learning Explained by Microsoft in Edx](#)

[MCSA: Machine Learning by Microsoft](#)

[Deep Learning Nanodegree in Udacity](#)

[Complete Guide to TensorFlow for Deep Learning with Python in Udemy](#)

[Deep Learning A-Z™: Hands-On Artificial Neural Networks in Udemy](#)

[Modern Deep Learning in Python in Udemy](#)

[Natural Language Processing with Deep Learning in Python in Udemy](#)

[Deep Learning: Recurrent Neural Networks in Python in Udemy](#)

[Data Science, Deep Learning, & Machine Learning with Python in](#)

Videos and Lectures

[How To Create A Mind](#) By Ray Kurzweil

[Deep Learning, Self-Taught Learning and Unsupervised Feature Learning](#) By Andrew Ng

[Recent Developments in Deep Learning](#) By Geoff Hinton

[The Unreasonable Effectiveness of Deep Learning](#) by Yann LeCun

[Deep Learning of Representations](#) by Yoshua bengio

[Principles of Hierarchical Temporal Memory](#) by Jeff Hawkins

[Machine Learning Discussion Group - Deep Learning w/ Stanford AI Lab](#) by Adam Coates

[Making Sense of the World with Deep Learning](#) By Adam Coates

[Demystifying Unsupervised Feature Learning](#) By Adam Coates

[Visual Perception with Deep Learning](#) By Yann LeCun

[The Next Generation of Neural Networks](#) By Geoffrey Hinton at GoogleTechTalks

[The wonderful and terrifying implications of computers that can learn](#) By Jeremy Howard at TEDxBrussels

[Unsupervised Deep Learning - Stanford](#) by Andrew Ng in Stanford (2011)

[Natural Language Processing](#) By Chris Manning in Stanford

[A beginners Guide to Deep Neural Networks](#) By Natalie Hammel and Lorraine Yurshansky

[Deep Learning: Intelligence from Big Data](#) by Steve Jurvetson (and panel) at VLAB in Stanford.

[Introduction to Artificial Neural Networks and Deep Learning](#) by Leo Isikdogan at Motorola Mobility HQ

[NIPS 2016 lecture and workshop videos](#) - NIPS 2016

[Deep Learning Crash Course](#): a series of mini-lectures by Leo Isikdogan on YouTube (2018)

Papers

[ImageNet Classification with Deep Convolutional Neural Networks](#)

[Using Very Deep Autoencoders for Content Based Image Retrieval](#)

[Learning Deep Architectures for AI](#)

[CMU's list of papers](#)

[Neural Networks for Named Entity Recognition](#) [zip](#)

[Training tricks by YB](#)

[Geoff Hinton's reading list (all papers)](#)

[Supervised Sequence Labelling with Recurrent Neural Networks](#)

[Statistical Language Models based on Neural Networks](#)

[Training Recurrent Neural Networks](#)

[Recursive Deep Learning for Natural Language Processing and Computer Vision](#)

[Bi-directional RNN](#)

[LSTM](#)

[GRU - Gated Recurrent Unit](#)

[GFRNN](#) [.](#) [.](#)

[LSTM: A Search Space Odyssey](#)

[A Critical Review of Recurrent Neural Networks for Sequence Learning](#)

[Visualizing and Understanding Recurrent Networks](#)

[Wojciech Zaremba, Ilya Sutskever, An Empirical Exploration of Recurrent Network Architectures](#)

[Recurrent Neural Network based Language Model](#)

[Extensions of Recurrent Neural Network Language Model](#)

[Recurrent Neural Network based Language Modeling in Meeting Recognition](#)

[Deep Neural Networks for Acoustic Modeling in Speech Recognition](#)

[Speech Recognition with Deep Recurrent Neural Networks](#)

[Reinforcement Learning Neural Turing Machines](#)

[Learning Phrase Representations using RNN Encoder-Decoder for Statistical Machine Translation](#)

[Google - Sequence to Sequence Learning with Neural Networks](#)

[Memory Networks](#)

[Policy Learning with Continuous Memory States for Partially Observed Robotic Control](#)

[Microsoft - Jointly Modeling Embedding and Translation to Bridge Video and Language](#)

[Neural Turing Machines](#)

[Ask Me Anything: Dynamic Memory Networks for Natural Language Processing](#)

[Mastering the Game of Go with Deep Neural Networks and Tree Search](#)

[Batch Normalization](#)

[Residual Learning](#)

[Image-to-Image Translation with Conditional Adversarial Networks](#)

[Berkeley AI Research (BAIR) Laboratory](#)

[MobileNets by Google](#)

[Cross Audio-Visual Recognition in the Wild Using Deep Learning](#)

[Dynamic Routing Between Capsules](#)

[Matrix Capsules With Em Routing](#)

[Efficient BackProp](#)

Tutorials

[UFLDL Tutorial 1](#)

[UFLDL Tutorial 2](#)

[Deep Learning for NLP (without Magic)](#)

[A Deep Learning Tutorial: From Perceptrons to Deep Networks](#)

[Deep Learning from the Bottom up](#)

[Theano Tutorial](#)

[Neural Networks for Matlab](#)

[Using convolutional neural nets to detect facial keypoints tutorial](#)

[Torch7 Tutorials](#)

[The Best Machine Learning Tutorials On The Web](#)

[VGG Convolutional Neural Networks Practical](#)

[TensorFlow tutorials](#)

[More TensorFlow tutorials](#)

[TensorFlow Python Notebooks](#)

[Keras and Lasagne Deep Learning Tutorials](#)

[Classification on raw time series in TensorFlow with a LSTM RNN](#)

[Using convolutional neural nets to detect facial keypoints tutorial](#)

[TensorFlow-World](#)

[Deep Learning with Python](#)

[Grokking Deep Learning](#)

[Deep Learning for Search](#)

[Keras Tutorial: Content Based Image Retrieval Using a Convolutional Denoising Autoencoder](#)

[Pytorch Tutorial by Yunjey Choi](#)

[WILDML: Artificial Intelligence, Deep Learning, and NLP](#)

Researchers

[Aaron Courville](#)

[Abdel-rahman Mohamed](#)

[Adam Coates](#)

[Alex Acero](#)

[Alex Krizhevsky](#)

[Alexander Ilin](#)

[Amos Storkey](#)

[Andrej Karpathy](#)

[Andrew M. Saxe](#)

[Andrew Ng](#)

[Andrew W. Senior](#)

[Andriy Mnih](#)

[Ayse Naz Erkan](#)

[Benjamin Schrauwen](#)

[Bernardete Ribeiro](#)

[Bo David Chen](#)

Boureau Y-Lan	Brian Kingsbury
Christopher Manning	Clement Farabet
Dan Claudiu Cireșan	David Reichert
Derek Rose	Dong Yu
Drausin Wulsin	Erik M. Schmidt
Eugenio Culurciello	Frank Seide
Galen Andrew	Geoffrey Hinton
George Dahl	Graham Taylor
Grégoire Montavon	Guido Francisco Montúfar
Guillaume Desjardins	Hannes Schulz
Hélène Paugam-Moisy	Honglak Lee
Hugo Larochelle	Ilya Sutskever
Itamar Arel	James Martens
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Jürgen Schmidhuber	Justin A. Blanco
Koray Kavukcuoglu	KyungHyun Cho
Li Deng	Lucas Theis
Ludovic Arnold	Marc'Aurelio Ranzato
Martin Längkvist	Misha Denil
Mohammad Norouzi	Nando de Freitas
Navdeep Jaitly	Nicolas Le Roux
Nitish Srivastava	Noel Lopes
Oriol Vinyals	Pascal Vincent
Patrick Nguyen	Pedro Domingos

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[Pierre Sermanet](#)

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[Robert Coop](#)

[Robert Gens](#)

[Roger Grosse](#)

[Ronan Collobert](#)

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[Tijmen Tieleman](#)

[Tom Karnowski](#)

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[Ueli Meier](#)

[Vincent Vanhoucke](#)

[Volodymyr Mnih](#)

[Yann LeCun](#)

[Yichuan Tang](#)

[Yoshua Bengio](#)

[Yotaro Kubo](#)

[Youzhi (Will) Zou](#)

[Fei-Fei Li](#)

[Ian Goodfellow](#)

[Robert Laganière](#)

WebSites

[deeplearning.net](#)

[deeplearning.stanford.edu](#)

[nlp.stanford.edu](#)

[ai-junkie.com](#)

[cs.brown.edu/research/ai](#)

[eecs.umich.edu/ai](#)

[cs.utexas.edu/users/ai-lab](#)

[cs.washington.edu/research/ai](#)

[aiai.ed.ac.uk](#)

[www-aig.jpl.nasa.gov](#)

[csail.mit.edu](#)

[cgi.cse.unsw.edu.au/~aishare](#)

[cs.rochester.edu/research/ai](#)

[ai.sri.com](#)

[isi.edu/AI/isd.htm](#)

[nrl.navy.mil/itd/aic](#)

[hips.seas.harvard.edu](#)

[AI Weekly](#)

stat.ucla.edu

deeplearning.cs.toronto.edu

jeffdonahue.com/lrcn/

visualqa.org

www.mpi-inf.mpg.de/departments/computer-vision...

[Deep Learning News](#)

[Machine Learning is Fun! Adam Geitgey's Blog](#)

[Guide to Machine Learning](#)

[Deep Learning for Beginners](#)

Datasets

[Sentinel-2](#)

[Landsat 8](#)

[Global Database of Events, Language and Tone (GDELT)](#)

[IRS 990 Filings](#)

[Common Crawl](#)

[GEOS-Chem Input Data](#)

[OpenStreetMap on AWS](#)

[NASA NEX](#)

[NEXRAD on AWS](#)

[New York City Taxi and Limousine Commission (TLC) Trip Record Data](#)

[Terrain Tiles](#)

[1000 Genomes](#)

[Amazon Bin Image Dataset](#)

[NAIP on AWS](#)

[OpenAQ](#)

[Sentinel-1](#)

[SpaceNet on AWS](#)

[TCGA on AWS](#)

[U.S. Census ACS PUMS](#)

[USAspending.gov](#)

[3000 Rice Genomes Project](#)

[Amazon Customer Reviews Dataset](#)

[CCAFS-Climate Data](#)

[Deutsche Börse Public Dataset](#)

[District of Columbia - Classified Point Cloud LiDAR](#)

[EPA Risk-Screening Environmental Indicators](#)

[GOES on AWS](#)

[Genome in a Bottle on AWS](#)

[Global Surface Summary of Day](#)

[Google Books Ngrams](#)

[HIRLAM Weather Model](#)

[ICGC on AWS](#)

[MODIS on AWS](#)

[Multimedia Commons](#)

[NOAA Global Forecast System (GFS) Model](#)

[NOAA High-Resolution Rapid Refresh (HRRR) Model](#)

[Nanopore Reference Human Genome](#)

[Open Observatory of Network Interference](#)

[OpenNeuro](#)

[OpenStreetMap Linear Referencing](#)

Physionet   The Genome Modeling System

The Human Connectome Project   The Human Microbiome Project

UK Met Office Global and Regional Weather Forecasts   CBERS on AWS

American Ninja Warrior Obstacle History   Collection of daily coin data from Coin Metrics

Federal Government Awards   Linguistic data of 32k film subtitles with IMDb meta-data

Medicare Drug Spending   NFA 2017 - Ecological Resource Use and Resource Capacity of Nations from 1961 to 2013

Translated Sacred Text Word Counts   DigitalGlobe Open Data Program

AI-Powered Mobile Apps

Seeing AI: Talking Camera for the Blind   Replika: Chatbot for emotional Intelligence

Ozlo: Personal Chatbot   Olivia: Financial Assistant

Socratic: Homework solver   Parla: AI-powered English

Duolingo Bots: AI bots teach language conversation   Astro: Email management

Tetra: Notes manager   Trove: Professional Networking and Communications

Time: Productivity Tool   Life Tracker: Productivity Tool

Notes Plus: Intelligent notes assistant   Ulli: AI powered Mobile Browser

SwiftKey: Intelligent typing assistant   Sensely: Virtual Doctor

AiCure: Health monitoring   Babylon: Health monitoring

Aura: Mindfulness & Meditation   ResApp: Disease diagnosis

Plantix: Plant disease detection   Pl@ntNet: Plant identification

Deep Art Effects: Photo to paintings   Lisa: Engagement predictor for Instagram

Brain.fm: Music for the Brain   Sense.: Future predictor

Aipoly: Autonomous Markets

Deep Learning Cloud

Google Cloud Machine Learning   Microsoft Azure

Deep Learning on Amazon AWS   FloydHub

Watson Machine Learning: IBM Cloud   Intel® Deep Learning Cloud & System

[Paperspace](#)   [Nimbix Cloud](#)

[Crestle](#)

Cloud based Deep Learning APIs and Services

[Google Cloud Machine Learning Engine](#)   [Google Cloud Vison API](#)

[Google Cloud Natural Language](#)   [Google Cloud Speech-to-Text](#)

[Google Cloud Translation API](#)   [Google Cloud Video Intelligence](#)

[Microsoft Azure Cognitive Services for Vision](#)   [Microsoft Azure Cognitive Services for Knowledge](#)

[Microsoft Azure Cognitive Services for Speech](#)   [Microsoft Azure Cognitive Services for Language](#)

[Microsoft Azure Cognitive Services for search](#)   [Amazon Rekognition: Deep learning-based image and video analysis](#)

[Amazon Lex : Conversational interfaces for applications](#)   [Amazon Comprehend: Discover insights and relationships in text](#)

[Amazon Translate: Natural and fluent language translation](#)   [Amazon Polly: Turn text into lifelike speech using deep learning](#)

Resource from Us

Tensorflow (Deep Learning)   SKlearn (Machine Learning)

| Video 1 | Video 2 | Video 3 | Video 4 | | Video 1 | Video 2 |

PyLearn2 (Machine Learning)   PyML (Machine Learning)

| Video 1 | Video 2 | Video 3 | Video 4 | | Video 1 |

Keras (Deep learning based on Tensorflow, Theano)   Tflearn (Deep learning based on Tensorflow)

| Video 1 | | Video 1 |

Deepy (Deep learning based on Theano)   Nolearn (Machine Learning)

| Video 1 | Video 2 | Video 3 | Video 4 | | Video 1 |

Gensim (Topic modelling)   Nolearn (Machine Learning)

| Video 1 | | Video 1 | Video 2 | Video 3 | Video 4 |

List of AI Companies/Startups in India

Chatbot

[Niki.ai](#)

Niki is a digital chat-based artificial intelligence powered shopping assistant.

[Active.AI](#)

Active.ai will be helping banks and other financial institutions to intuitively and intelligently engage with the customer on mobile, chat, or voice enabled IOT devices using AI.

[Haptik.ai](#)

Haptik was born out of a thesis that chat or messaging will rule the 21st century smartphone world. It is the most significant shift in interfaces since the change from command line to GUI. With Artificial Intelligence and chatbots exploding today, the thesis only gets stronger. As pioneers in the space, Haptic believe it is their responsibility to lead this paradigm shift. It is one of the largest chatbot builders.

[Morph.ai](#)

Morph.ai is an enterprise ChatBot suite that helps businesses engage in personalised marketing and sales. Using Morph.ai, businesses can have one-on-one conversations with their audience to increase awareness, improve lead quality and drive more sales. Morph strongly believe that chat is the perfect channel of interaction between businesses and customers and it would soon emerge as the strongest medium for marketing and selling products and services.

[Supertext](#)

Supertext is an Artificial intelligence startup headquartered in Bangalore, India. Focusing on automation of business processes through application of NLP (natural language processing), ML (machine learning) and deep learning algorithms.

[GLIB.ai](#)

Glib creates Smart, Enterprise-Grade Chatbots. It Understand users sentiments and preferences. Integrate custom business logic via webhooks. It Scale your conversations across multiple channels and languages.

[Avaamo](#)

Avaamo is a deep-learning software company that specializes in conversational interfaces to solve specific, high impact problems in the enterprise. Avaamo is building fundamental AI technology across a broad area of neural networks, speech synthesis and deep learning to make conversational computing for the enterprise a reality.

[Senseforth AI Research](#)

Senseforth is a humanlike conversation platform powered by Artificial Intelligence. Senseforth can address queries, resolve issues, perform tasks and even help customers shop.

[Discovery AI](#)

DiscoveryAI is on a mission to empower enterprises to improve revenue, reduce costs and improve productivity by using the best of breed Artificial Intelligence (AI) and Natural Language Processing (NLP) technologies.

[Trilyo](#)

'Trilyo'!, thrive to skyrocket customer engagement thereby enhancing brand relevancy & boosting your brand advocacy. Trilyo, is always ecstatic to assist you in improving your guest experience via its custom-tailored solutions designed for the hospitality industry. Cutting to the chase, Trilyo help you to convert a simple Hi to a Happy Customer. With Trilyo, deliver the diligently-tailored and hyper-personalized solutions to serve your guests with an experience like they had never. -Redefining customer experience in hotel

[Iken Personics](#)

In today's world, Smartphones have taken centre-stage, and all web based consumer businesses are shifting towards mobile platforms, building Apps to connect with their consumers better. With the limited form factor, time and space being relative, the in-depth analysis of customer is becoming the need of the hour for the mobile landscape. Iken Personics fulfils that need by providing the consumer facing businesses with a revolutionary personalization platform, 'Mooga'

[Fluid AI](#)

Fluid AI believes that the power of artificial intelligence can be used across industries, sectors and use cases. FluidAI is working hard to bring about a future where its solutions redefine the landscape of what is possible using AI.

[CustomerSuccessBox](#)

B2B SaaS and subscription businesses bleed churn and struggle with customer retention. Customer churn is the biggest blocker of growth; it's like trying fill up a leaky bucket. Such businesses cannot continue to operate with the old 'reactive' support model. CustomerSuccessBox was built from a clear need for a solution that could deliver 'proactive' customer success.

Analytics / IoT

[Flutura](#)

Flutura Decision Sciences and Analytics is an IOT intelligence company that is powering new monetizable business models using machine signals in the Engineering and Energy Industry. The new business models power impact operational, process and asset efficiency outcomes. The IOT prognostics / diagnostics platform has many features which are the first of its kind in the world. Flutura Decision Sciences fills a gap in the marketplace to bubble up previously undetected machine signals which impact industrial outcomes. It does so by mining streaming IOT Sensor / Asset / Operations data using its Data science platform - Cerebra . Flutura is funded by The Hive a pure play big data fund based out of Palo Alto.

[FORMCEPT](#)

As a Unified Data Analysis platform, FORMCEPT helps enterprises derive actionable insights from large volumes of external and internal data quickly, thereby significantly reducing the data-to-decision conversion time. Today, the biggest challenge is that much of the data that your business needs to analyse comes from external sources, and this external data is largely unstructured – such as social media opinions, web reviews, and machine-generated data. Traditional analytics does not unify this external data with the internal databases of your enterprise – leading to poor business decisions. FORMCEPT is your analysis partner that can make "Dark Data" extinct and reduce the span of your entire analysis life-cycle by turbo-charging your existing data infrastructure. With FORMCEPT by your side, your enterprise will be equipped with business intelligence like never before.

CruxIQ – Legal Contracts

An Intelligent platform that helps you analyse legal contracts, extract important information and summarize as per your requirement. The platform is the perfect amalgamation of Lawyers and NLP experts who train the system to read contracts and extract clauses without much of a hassle. In-short CRUX IQ help you keep important clauses and dates at your fingertips.

vPhrase

The AI platform Phrazor analyses data and gives the key insights you need for decision making,in a few bullet points, using natural language. Enterprises use Phrazor to personalise and add deep insights to the reports they send to their customers as well as employees.

Xurmo

Xurmo is a Fully-Integrated, Intelligent Big Data Analytics Infrastructure that supports the development and deployment of custom & portable analytical applications. The result is fast deployment, rapid development of analytics,easy deployment in production and self-service for all users.

Rockmetric

Rockmetric is a 'Cognitive Data Analyst' that automates analysis and insights with a Google-like Natural Language Search interface. The platform automatically understands user queries, analyses data and delivers beautiful charts, descriptive insights and complex analysis instantly.

Lymbyc

World's first Virtual Analyst, An AI-ML powered platform/ ecosystem that can answer the WHY rather than just the WHAT and the HOW of all business related queries and readily adapt to various uses cases- similar to how our brain helps us understand the context behind interactions, learn from memory, apply emotion and instincts and readily adapt over time.

ScoreData

ScoreData helps businesses leverage their data to dramatically improve the quality of their engagement with their customers. The easy-to-use and simple-to-deploy nature of ScoreData's Scorefast platform enables data scientists and business managers to create the most effective run-time consumer models and scores for fraud detection, churn-management, caller-agent mapping, recommendations and cross-sell applications. ScoreData leverage the most up-to-date best-of-breed open-source technologies.

Boxx.ai

Boxx.ai's world class recommendation engine can predict your customer's preferences accurately.

GyanData

gyandata - Combines domain expertise and data analytics to provide customized solutions across industry verticals.

Locus.sh

Today, customers expect convenience. Businesses now need to be closer to the customer than ever before. Locus powers that vision by supplanting manual decision making, with robust, intelligent and data-driven platform throughout the logistics chain.At the heart of its products is heuristic technology that is close to real life and takes into account unpredictable factors on-ground.

Enterprise/Custom

Arya.ai

In 2013, Araya.ai was started with a vision to build 'intelligence' that can help humans in solving complex problems at a much faster pace. Arya.ai believe in true value of intellectual debate before execution of any plan. To do so, Arya.ai have been gathering the best talent supported by extensive academic research in the respective domains. Today, the core team is of researchers and scientists from Mathematics, and Computing with hands on academic research from various academic and private institutions. Majority of Arya.ai's investment is in Research and Development to find better and optimal ways of reaching its goal. Over the time, Arya.ai also added some of the best business Experts to our team to guide their energies and in working for a common goal of enabling developers and enterprises to build advanced next generation products using 'AI'.

Artivatic Data Labs

Today's data driven world moves faster than ever. From consumers, products, businesses, operations to revenue, all depends on the intelligent systems that are capable of learning the activities and building insights for better strategy, experience and delivery. Artivatic is built on life-science focused technologies that not only understands insights but also is able to take decisions as 'like humans' on behalf of businesses for better real time personalized consumer experience, automated decision making, improving performance and efficiency with increasing in conversion and revenue. The businesses are able to know more, and faster in real time. It's more beyond Artificial Intelligence and Data Analytics - It's true AI Brain.

Codroit

Codroit Tech are combining the latest distributed ledger technology - Blockchain with its creative vision to create, share and build latest business solutions to revolutionalise the way we transact. Codroit build products for various industries notably Fintech, Education, Healthcare, Logistics and Supply Chain. Codroit support you at every step of Blockchain adoption from design and architecture assessment to analyse best approach for your business need to rapid prototyping, creation of Proof of concept and pilot to validate your idea. Codroit's pre-built knowledge base and modular platforms help accelerate the realisation of implementing your permission based or public blockchain network.

Couture.ai

Couture.ai is a customized AI platform helping largest global enterprises implement specific vertical targeted products build on top of its patent pending ML and deep learning innovations.

Playment – data tagging

Playment is one brand of Gongyixing (Beijing) Technologies Co., Ltd. It focus on the development of boutique mobile games and mobile apps, as well as the development of related game derivatives.

Squadrun – business operations automation

Squadrun customize's workflows using a massive library of building blocks for artificial intelligence, human judgements, data processing, quality assurance, and much more.

Razorthink

Razorthink, believes that Machine Superintelligence can transform customer insights into ideal customer experiences. We are committed to bringing Machine Superintelligence to the enterprise.

The Math company

Helps organizations build or upgrade their in-house analytics centers. They transform the way organizations define and execute their analytics strategy while enabling them to develop their capabilities. With experience in building analytics capabilities and solving a multitude of problems for various Fortune 500 companies across multiple verticals including Retail, Banking, Insurance and Pharmaceuticals, they are uniquely positioned for analytics capability building.

HR Tech

My Ally

My Ally's Candidate Pipeline Management tool helps boost productivity, shorten time-to-hire, and make your recruiting process more candidate-friendly. Reduce the busy work of your people and allow them to focus on using their most valuable skill sets. They will conduct more interviews and make more hires all while creating a truly worthwhile candidate experience.

Bash.ai

Currently, majority of the software or technologies used in the HR function facilitate only non- employee facing activities (backend functions). There are limited technologies that facilitate or assist the interaction between the HR function and employees, and all the interactions are manually managed, e.g. HR queries, notifications to employees on HR updates etc. Bash is an intelligent chatbot which implements Machine Learning Algorithms to improve employee productivity, satisfaction and optimises HR function.

airCTO

A suite of products that solve recurrent tech recruitment pain points.

AR/VR/Computer Vision/Surveillance

Absentia VR - Norah.ai

Uncanny vision is a technology company focused on Computer Vision on Embedded systems. The team has 100+ years of combined experience in IoT, Computer Vision & Artificial Intelligence.

Uncanny Vision

Norah AI is a revolutionary, A.I. empowered workflow for generating games. The A.I. enables quick creation and incorporation of all different game elements ranging from creation of 3D models and their animation to story weaving and texturing

Netradyne

Netradyne, believes the dawn of the Industrial Internet of Things (IIoT) heralds a new future of intelligent connectivity. This will yield insights in fields as diverse as insurance, infrastructure planning, international logistics, and of course, commercial trucking. Adoption of Intelligent IoT systems would challenge conventional practices as everything will become connected with new context and clarity. Netradyne, is leveraging the depth and expertise within its technology centers to push the boundaries of this emerging field. Netradyne's world class team of scientists are focused on the development of key Intellectual Property in the areas of computer vision, deep learning, edge computing, and predictive analytics.

Staqu

Recommendation in current world has become synonymous to spamming. From the user's SMS inbox to web pages to various video players, we see the recommendations which don't have any relevance to the tastes of users. This inefficient and context less recommendation, not only worsen the user's experience but also damages the ecosystem in terms of its spends. Furthermore, the platform owners currently do not have any control over the ads that are getting displayed. Staqu's Recommendation Engine is first of its own kind contextual recommendation engine which provides in-platform and cross platform recommendation capability along with giving complete control to the platform owners. Staqu's recommendation engine is built on proprietary content adapter technology based on advanced light weighted deep neural network which do not send any user's information to remote server and process data locally.

Cyber Security

Innefu Labs

Innefu is an Information Security R&D startup, providing cutting edge Information Security & Data Analytics solutions. We count among our clients the biggest corporate entity in the country apart from some of the most sensitive and critical organizations in Government of India. With more than 100+ customers using our Information Security and Data Analytics solutions, the company has become a leading player in the space of Artificial Intelligence for Data Analytics and Multifactor Authentication.

TrustCheckr

An API that enriches customer data and eliminates fake users.

Lucideus

Lucideus build and deliver information security services, both generic and customized to pro-actively secure, continuously monitor and reactively respond to cyber threats to your technology stack.

MedTech

AIndra Systems

Aindra an AI powered MedTech company. Aindra, is building a world where Clinical Pathology is Data driven, Fast and Patient focused

SigTuple

SigTuple builds intelligent screening solutions to aid diagnosis through AI-powered analysis of visual medical data.

Tricog Health Services PVT. LTD

Tricog has a mission to help doctors in saving precious lives by use of Technology, Artificial Intelligence and an expert medical team that works 24*7 to provide the fastest and most accurate real-time diagnosis of an ECG.

ten3T

Ten3t start by building the most sophisticated self-enclosed, real time monitoring device - a 9 cm triangular patch that the patient places on their chest - for as long as is required - from a minute to several days your vital signs are wirelessly transmitted and viewed remotely by your physicians. Sophisticated algorithms look for immediate signs as well as longer term subtle changes, allowing clinicians to make immediate, accurate, and predictive decisions.

Indegene

Indegene help global healthcare organizations address complex challenges by seamlessly integrating analytics, technology, operations and medical expertise. Clients choose Indegene when they want real results. Indegene help clients drive revenue and productivity by making giant leaps in digital transformation, customer engagement, health reform, healthcare cost reduction, and health outcomes improvement.

qure.ai

Qure uses cutting-edge deep learning technology to help diagnose disease and recommend personalized treatment plans from healthcare imaging data.

AgriTech

CropIn

CropIn is an intuitive, intelligent, self-evolving system that delivers future-ready farming solutions to the entire agricultural sector. CropIn deliver's decisive decision-making tools that bring consistency, dependability and sustainability to agri-businesses. With capabilities of live reporting, analysis, interpretation and insight that span across geographies, CropIn is digitizing every farm, while data-managing the entire ecosystem. CropIn's smarter agri solutions are powered in real-time; for you to archive patterns, predict trends, to make a blueprint for your business in the times to come.

Intello Labs

Intello Labs started it's journey in May 2016 to investigate markets where AI adoption will be welcomed in the early stages of its technology life. Intello began with use cases where they could build, test and deploy AI solutions rapidly before launching into chosen markets with confidence. Intello labs is recognized as a de-facto business for expert AI capability in solutions that satisfy real world challenges in near real time.

Gobasco

Gobasco employ real-time data analytics on data-streams coming from multiple sources across the country aided with AI-optimized automated pipelines to dramatically increase the efficiency of the current agri supply-chain. Gobasco's data-driven online agri-marketplace affords the best prices for both the producers and buyers at their fingertips.

[Gramophone](#)

Gramophone strives to create a difference in farming by bringing timely information, technology and right kind of inputs to achieve better yields for farmers. Gramaphone's endeavour is to bring the best products and knowledge to the farmers. Gramophone is one stop solution for all kinds of inputs for the farmers. Farmers can buy genuine crop protection, crop nutrition, seeds, implements and agri hardware at their doorstep.

[Aibono](#)

India, a nation of small farms, faces the twin challenge of low yields and fragmented supply. As a result, the Indian Farmer operates at 20% productivity of the West and gets sub-optimal price due to his supply's mismatch with demand and exploitation by arbitrage. Aibono pioneers the use of Real-time Intelligence and Agri 4.0 to solve this intractable problem with next-generation agri-data science and artificial intelligence. Aibono's Real-time Precision Agriculture Solutions stabilises and increases yields by 2x by monitoring over 50 farm variables, and the Predictive Supply Engine controls the Planting-Material and Just-in-time harvests to precisely match supply and demand, thereby doubling price realisation and income for the farmer.

[SatSure](#)

SatSure, is on a mission to evolve crop insurance products and provide accurate risk assessment of crop yield by integrating climatic variables with geospatial and economic datasets.

EdTech

[Bodhi.ai](#)

[Embibe](#)

Embibe is a platform that enables students to maximize learning outcomes. In order to improve learning outcomes, student behaviour is an important facet of learning outcomes. Behavioural traits like lack of intent, boredom, attention gaps, stamina, carelessness, overconfidence, fear, pressure, fluke, time management, prioritization etc impacts student's test score. Analysing student's behaviour is a well-known research problem and researchers are trying to understand on its cause and impact.