



Oltau

Automated Deep Learning
Platform



To provide world-class, cutting-edge, reliable, futuristic Artificial Intelligence solutions that are years ahead in technology and design to help in the advancement of the all mankind.

PROBLEM STATEMENT

Implementation of AI related problem statement, today suffers from three major problems. Lack of required number of professionals with expertise in Data Science, Mathematical Modeling and Algorithmic understanding. Also, the pre trained open source models in the are not very much reliable in terms of accuracy and privacy with data travelling out of client environment. Lastly the time taken to test, develop and integrate the AI solution takes more than 8-12 months that adds to cost. Thus enterprises are facing issues in implementing and scaling AI projects.

Competitors are using AI Models that are either Pre trained on the Generic Data Set or they are using the Platforms provided by Google or Amazon to achieve a below par accuracy.

INNOVATION

We have indigenously developed an Inhouse Automated Deep learning Platform, wherein one can come, upload the data, label it and with a click start the training. With our Proprietary AI pipeline Technology, we have enabled AI to build AI models in backend. The trained model could be then easily integrated into web or mobile based application. The platform could be deployed as secure docker based solution to customer, who can test and create AI models in weeks without requiring any expertise.

We have not Filed the Patent.

We are currently at early Growth stage.

Many Private enterprises like TalentSprint in Edutech, HealthCube in Healthcare have deployed AI models developed at our Platform. Also in Defence, Indian Army is using our technology.

SOLUTION

We have created from scratch, an Automated Zero Code platform that enables any user to bring in data, label it and build Deep Learning computer vision models. Our proprietary Algorithm, in the backend chooses the suitable model, automatically adjusts the parameters in the back end to give the optimal results. The model at the end, could be easily integrated with the web or mobile based application using the API keys. Using Dockers the platform could be easily moved to client environment, wherein if there are data privacy concerns so that no data moves out and processed within the client defined data space.

Use case

In Edutech Sector, Our Client TalentSprint wanted to make the videos more searchable by indexing the topics. With Oltau we trained the videos and deployed the AI models in less than 25 days.

MARKET SIZE

Total market size - \$156.5 billion in 2020

Total Addressable Market - USD 25.32 billion by 2023 at a CAGR of 47.54% during the forecast period. ([Source](#))

COMPETITION

List of competition includes Google AutoML, Microsoft AutoML, Datarobot, Baidu EZDL, Oneclick.ai among others.

The advantages that our platform gives over the others are

- One can build the AI models using their own data, rather than use the Pre trained Models
- Accuracy achieved is more than the Models trained on Generic Data sets
- Zero Code model enables anyone to build the AI models
- The Time from development to deployment is drastically reduced by almost 10 times.
- **Data Privacy** is ensured with the Docker based deployment of Solution within Client environment

All this reduces the **Cost** of AI projects conceptualised and created on the Oltau Platform, as compared to the other existing options. We change a nominal amount on the number of API calls made after the solution is deployed.

BUSINESS MODEL

Pricing - Two pricing models

- Platform-as-a-Service subscription,
 - and Value-based pricing
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- Lifetime value of a customer - Applying AI capabilities like Information Extraction, Image/Video-based intelligence that help Businesses in creating “value” in terms of lifting sales, reducing costs or creating a new product.
 - Customer/pipeline list - Government e-MarketPlace, TenderInfo, Bangalore DataCom, Think Future Technologies, etc.

TEAM

How big is your team - 10

Founders profile -

ATUL, IIT-K, HEAD FINANCE & PARTNERSHIPS

A global technology business leader with vast experience in building and managing Tech businesses in the US and India. A renowned AI Business Leader and Key Speaker who advised and led AI journeys for multiple Global Enterprises.

MAYANK, IIT-K, CHIEF OF AI

With Dual Degrees from IIT K, he has a formidable background in Mathematics and Computing. While working in Banking MNC, he was a Lead contributor in predicting Customer Credit Card demand over time. He dwells on the intersection of possibility and probability of a solution

Capt. TARUN, IIM-A, CHIEF BUSINESS OFFICER

While leading various Combat and Non-Combat Missions in Indian Armed Forces as a true Leader, he completed his AFP from IIM A. He later served as Head of Business Continuity at EY.

NISHANT, IIT-K, CHIEF TECHNOLOGY OFFICER

Holding a Dual Degree in Computer Science, he is the brain behind the FingerPrint, Segmentation Algorithm used within AADHAR Program of Government of India. He is a Coding maverick who lives to be challenged

PARTH, CHIEF OPERATING OFFICER

Worked in IT MNC at various responsible positions serving clients across the globe, he comes with a deeper understanding of Technological needs and business demands. With curiosity being his intrinsic driver, he believes in using mental models to have a multidimensional view of the problem.

ALOK, IIM-A, CHIEF EXECUTIVE OFFICER

Oltau is his 4th Start-up. He is a man who thinks, questions and models his thoughts to Scale Solution design and delivery