RBG.AI

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RBG.AI

Structuring the Unstructured Data Text-Voice-Vision-Data

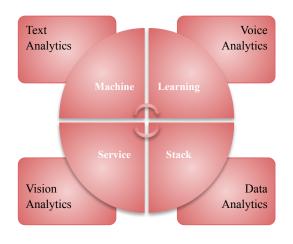


RBG.AI

Unstructured Data

Structuring the Unstructured

We are Mathematicians who practice Software Engineering envisioned to democratize disruptive AI solutions for sustainable business growth.



Strong Team	18+ Practitioners with 1 to 10+ Years of Experience	
Team Foundation	100% Masters and 30% PhD in AI	
AI Skills	Data Collation, Conventional Machine Learning, Deep Learning, Interpretations, Model Serving and Visualization	
Language	Python, R, Java, SQL and Matlab	
Cloud	AWS, GCP and Azure	
Cloud AI	Google Cloud AI, Azure AI and AWS AI	
Distributed	Hadoop and Spark	

RBG.AI Key Members

Member	Role	Specialisation & Experience
Mr. Barathi Ganesh HB	Business Head & Co-Founder	Technologist with 8+ years of industrial AI experience and Pursuing PhD in AI with 50+ publications
Ms. Reshma Unnikrishnan	Research Head & Co-Founder	Technologist with 4+ years of industrial AI experience and Pursuing PhD in AI for Healthcare with 8+ publications
Mr. Shyam R	Solution Head	Technologist with 10+ years of industrial AI experience and Pursuing PhD in AI for Signal Processing with 4+ publications
Dr. Soman KP	Technology Advisor	Professor at Amrita Vishwa Vidyapeetham and one of the top AI scientist in India
Mr. Gohil HK	Business Advisor	Director at TES with 30+ years of experience in Telecom Industry and has expertise in business operations, sales & marketing and technical support
Mr. Jatin Zala	Sales Advisor	Executive VP at TES and has 28+ years of experience in pre-sales, business development, projects and managed services.

The Problem

Skill Availability, Domain Expertise, and AI in Production

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We knew how challenging it was for non-technical people to create custom AI solutions and process automation using AI.

Due to the impact on workforce management, access to developers, and the delay caused by the absence of software engineers with domain expertise, businesses must move towards no-code AI platforms.

The Solution

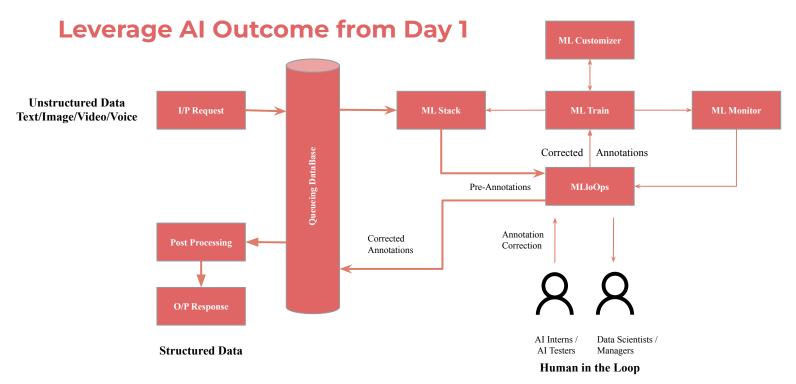
No-Code Platform for enabling AI for Everyone, and Evidencing AI in Production from Day 1

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By orchestrating a suite of AI tools, **MLloOps** is built for enabling domain experts, employees, and students to create apps and systems without having to write traditional programs for them.

The fundamental functionality is instant access through cognitive load-reduced visual interfaces, facilitated user actions, and pre-built integrations with other tools to build custom AI applications.

MLloOps in Action



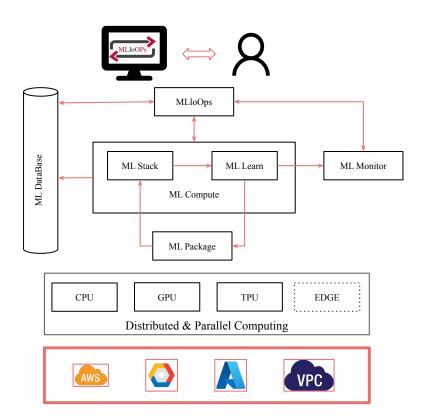
Task & Expertise Matrix

Domain	Tasks	Applications
Text	Text Classification	Sentiment Analysis, Intent Classification
	Named Entity Recognition & Relation Extraction	Information Extraction, Data Augmentation
	Text Classification, Named Entity Recognition & Relation Extraction	Chatbots, Question Answering systems
	Text to Text	Type a head, Grammar Correction, Decoder for OCR & Speech to Text, Machine Translation
Image	Image Classification	Face , Form layout , Cheque type , Form type identification, Emotion Identification
	Object Segmentation	Separation of floors, Separation of backgrounds
	Object Detection	Geometrical Shape , Machining feature, Number plate, Face Detection, Floor Plan , Pose Estimation
	Image to Text	Handwritten and Printed Text Recognition
	Image to Image	2D to 3D imaging, Video to Point Cloud Conversion
Speech	Speech to Text, Speaker Diarization	Extract text from the speech signals
	Text to Speech	Generate Speech Signal from the text
	Speech Classification	Sentiment and Emotion Recognition, Speaker Recognition, Keyword Spotting
	Speech to Speech	Noise Removal, Voice Cloning
Numeric	Recommendation System	Recommendation Engine
	Visualization	Data Visualization, Inference Justification, Feature Importance
	Sequence Analysis	Fraud Detection, Anti Money Laundering, Stock Market Prediction, Vibration Analysis

A Human-Machine Loop for Accelerating Data Driven Machine Learning Workflows

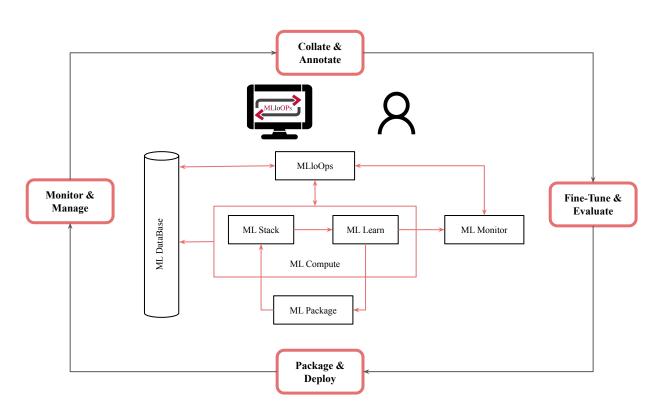


Develop & Deploy Anywhere

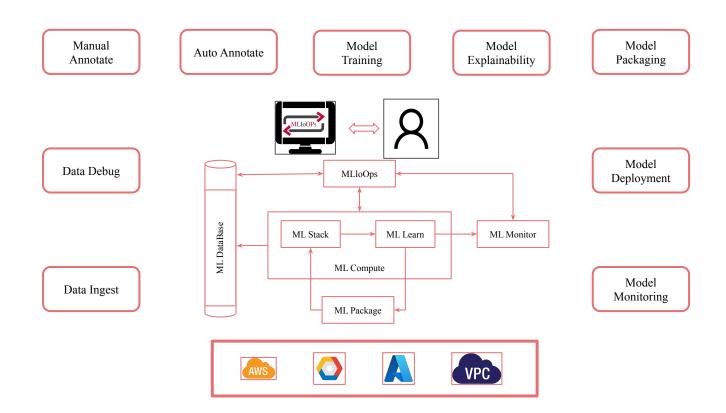


- Collaborative & Customizable code-less end-to-end AI software development platform.
- Structure the Unstructured Data in any format (Text, Audio, Image, Video and Numbers).
- Customize SOTA data-driven model for application of your interest.
- ML core customization for reduced post processing efforts.
- Always stay ahead with model's continuous learning and training capabilities.
- Flexible to deploy at public and private clouds.

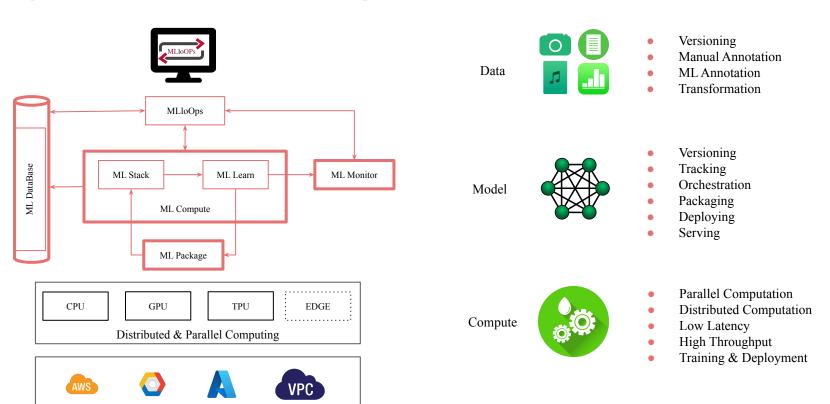
Accelerated AI Workflow



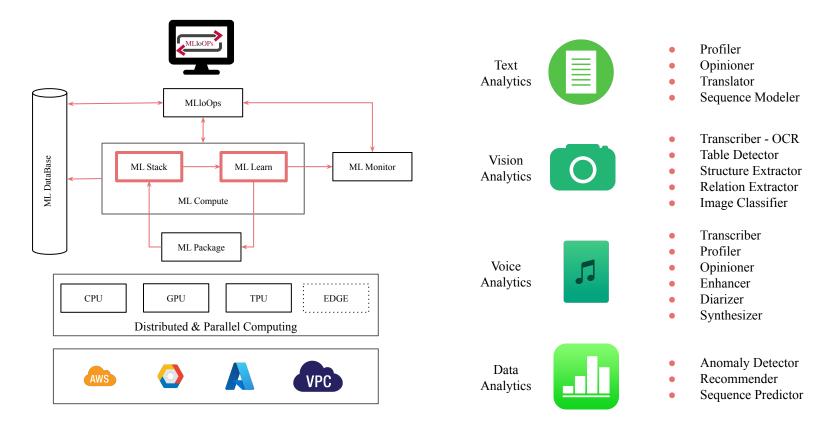
Evident the Accelerated AI Workflow



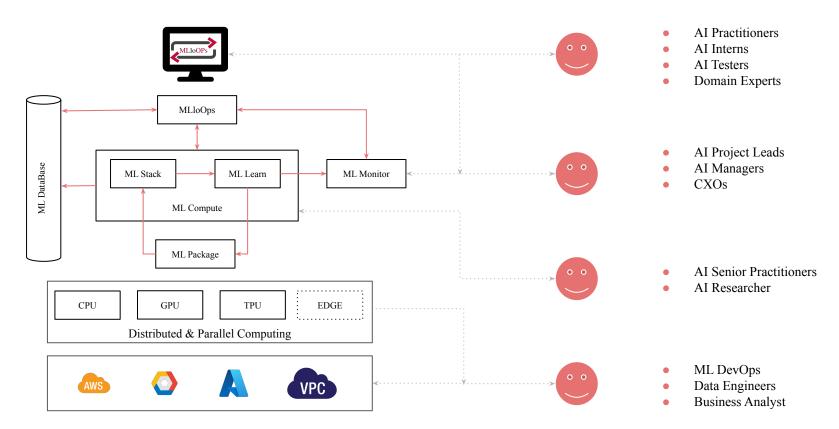
Optimized Data-Model-Computation



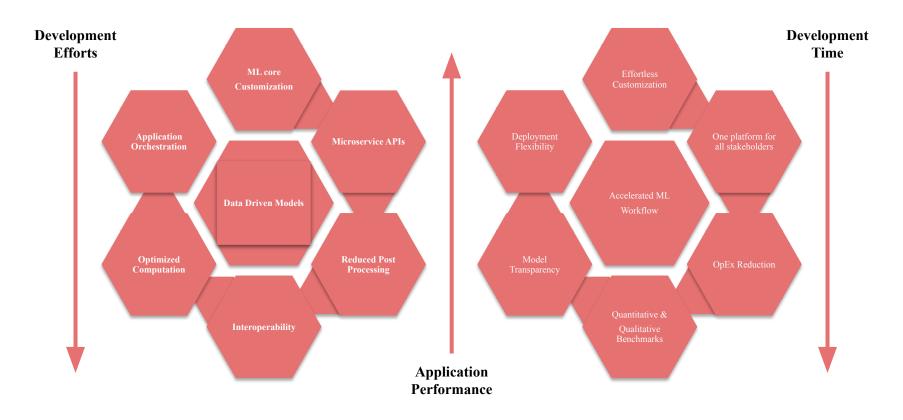
Leverage Data-Driven SOTA Models from ML Stack



One Platform for All Stakeholders



High Performance in Optimal Time



Use Cases: MLloOps in Action

We help you to Structure your Unstructured Data in most Optimal Way.



Document-in-Sights













Voice-in-Sights













Deployed & Prototyped Solutions

Client	Solution	Status
	Captcha Recognition	Deployed
BDO	Information Extraction - Custom Documents BoE & SBS	Deployed
	Information Extraction - Air Ticket Invoices, EB Bills	Demonstrated
	Tender Document Information Extraction & Virtual Interaction	Deployed
TECHNOMILE	Email Parsing & Information Extraction	Demonstrated
TALENT	Questionnaire Voice Bot, Voice Enhancer	Deployed
Terra Edgesoft	2D Floor Plan to 3D Model, Machining Feature Recognition	Demonstrated

Thank You!

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