MAKANA

CONFIDENCE. INTELLIGENCE. RESULTS.

Data Science and AI are becoming an integral part of every industry, yet their integration into regular enterprise operations is still a challenge. According to Gartner, 60% of AI models never get operationalized.

WHAT IS MAKANA?

MAKANA, from Mobius Logic, is a cloud-based MLOps platform that makes it easy for data scientists and software application developers to implement DevOps for Machine Learning (ML) through comprehensive support for all phases of the ML life cycle.

> I can finally see which model version is being applied to produce my signal predictions and the expected release date for the next model version, all from a centralized dashboard.

PRAVIN CHANDRASEKARAN
CEO, OPALCREST

WHY CUSTOMERS USE MAKANA?

- Streamline and automate the end-to-end ML life cycle and tie it to existing DevOps processes
- Enhance collaboration between data scientists, application developers and business users
- Integrate Data Science and AI projects into the core enterprise operations by enabling easy access to validated ML models and faster retraining of current ML models

SOLVE AI PROBLEMS

Use the MAKANA Designer:

- Build ML models faster
- Automate the testing of several algorithms to deliver the best ML model

DO MORE WITH LESS

Enhance your Data Scientist's Productivity by:

- Automating tedious tasks and simple projects
- Integrating data science activities into the DevOps pipeline so you are ready to release to production the moment the ML model is validated
- Jump from proof-of-concept to a live ML model in a few clicks
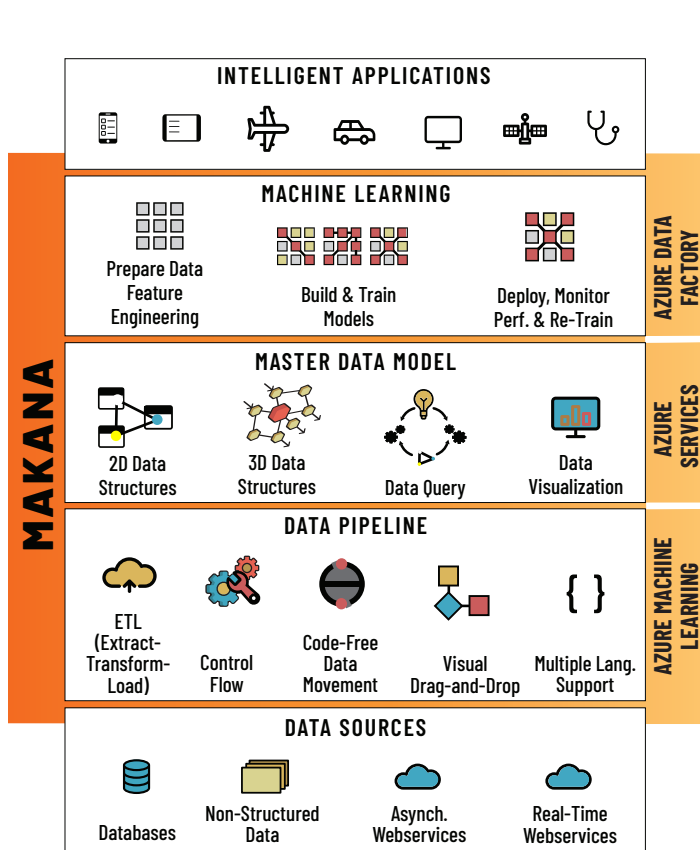
TRANSFORM TO AN AI-DRIVEN ENTERPRISE

Let AI drive value in every corner of your enterprise by:

- Enabling collaboration between your AI teams and business leaders
- Expanding your business processes to include the AI and Data Science teams
- Automate workflows and share knowledge across various teams using the MAKANA Enterprise Portal

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MAKANA allows you quickly realize the value of your ML models and retain that value over time, ensuring your data scientists, business users and software development teams are collaborating effectively.

INTELLIGENT APPLICATIONS

MACHINE LEARNING

Prepare Data Feature Engineering

Build & Train Models

Deploy, Monitor Perf. & Re-Train

MASTER DATA MODEL

2D Data Structures

3D Data Structures

Data Query

Data Visualization

DATA PIPELINE

ETL (Extract-Transform-Load)

Control Flow

Code-Free Data Movement

Visual Drag-and-Drop

Multiple Lang. Support

DATA SOURCES

Databases

Non-Structured Data

Asynch. Webservices

Real-Time Webservices

MAKANA

AZURE DATA FACTORY

AZURE SERVICES

AZURE MACHINE LEARNING

No matter where you are in your development, Mobius Logic delivers the AI ideas, innovation, and expertise that enables your fast growing company to create profitable, compliant, cloud based, systems and products around your data.

Founded on the love of solving complex problems, Mobius Logic's team delivers the AI expertise that create profitable, compliant, cloud-based systems and products around your data. Whether you want to identify patterns of behavior that impact pandemics, route your drones responsibly, eliminate loss in financial transactions or reduce violence in disadvantaged communities, Mobius Logic's team provides the needed ideas, innovation, and expertise.

A provider of solutions and products across 5 key industries, Mobius Logic continually explores and expands its understanding of how data and AI can solve the most pressing problems and create the greatest opportunities in finance, life sciences, litigation, government, software and manufacturing, and in our day to day lives.

For more information about Mobius Logic, our people, products, solutions, and expertise, contact us.

DEPLOY ALMOST ANYWHERE

- Deploy your models as web services to the cloud, to your local development environment, or to Azure IoT Edge devices.
- Use CPU, GPU, or field-programmable gate arrays (FPGA) for inferencing.
- Embed ML models into analytics apps based on Microsoft Power BI.

AUTOMATE THE END-TO-END ML LIFE CYCLE

- Use Azure Pipelines to enable continuous integration by automatically starting a training run when you check a change into a Git repo.
- Create release pipelines that are triggered when new models are created in a training pipeline.

TURN YOUR TRAINING PROCESS TO A REPRODUCIBLE PIPELINE

Use ML pipelines to stitch together all the steps involved in your model-training process:

- Data preparation
- Feature extraction
- Hyperparameter tuning
- Model evaluation

Built on Microsoft Azure, MAKANA supports all phases of the ML model life-cycle with full support for popular, open-source Python packages such as scikit-learn, TensorFlow, PyTorch, and MXNet.