Tech Mahindra

Democratize AI/ML with GAiA

The Open-Source Al Platform



GAiA provides a standard unified AI/ML platform to effectively adopt and implement business solutions across your organization and your partner ecosystem. The integrated Marketplace allows you to collaborate, share and re-use AI/ML models across the organization, while the platform empowers you to roll out AI/ML solutions faster by adopting industry standard interoperable microservices that can be deployed in an infrastructure-agnostic Cloud environment.

Popular Toolkit Support

Supports
Python
Sci-Kit Learn,
H2O.ai,
Tensorflow,
Keras, R,
PyTorch and
more.



Portal Features

Allows
personalized
user
experience
with themes,
enhanced
Marketplace
searches, and
role-based
access control
(RBAC).



Data Brokers & Sources

Supports
multiple data
sources and
formats with
built-in Data
Brokers for
integrating
various relevant
data sources.



Federation

Supports sharing and collaboration of models across Marketplaces in federated & controlled manner with appropriate security and governance.



Design Studio

Design Studio features a drag-and-drop models palette and Canvas to stitch models together for realizing and aggregating multiple use cases at scale.



Dockerized Micro services

Supports the open-standard Docker and Dockerized microservices enabling models to truly 'run anywhere'.



Unique 'App Store' Model for Data-Powered Decisions / Al



Training Datasets



DATA

MACHINE LEARNING ENGINE

TOOLKITS+ **Platform API**

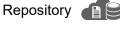
rcloud







Microservice



- · Import artifacts required by template
- Store in repository
- Train, if necessary, to form *predictor*
- Package and deploy as microservice

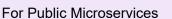


Data Scientist/Analyst

SOLUTION FLOWS



- Establish workflow
- Chain together microservices
- Package and submit to common catalog
- Simulate/validate
- Catalog Searchable catalog of solutions
- · Enter/Read reviews
- · Adapt to data set types
- · 'App store' capabilities



Platform Provider



End User

RESULTS

- Select solution from marketplace
- Deploy
- Integrate
- Connect to data set
- Query and obtain results
- (provide reinforcement back bac k to community)

PRODUCTION APPS

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