

Data Science PaaS Built for Production

Data scientists spend time, collect data and play with every feature to develop models that make an impact. But, time and again, as models move towards production, things begin to change. Some data sources can't be reached and are left out, different features no longer work when switching environments and when preparing for high performance in production, even more compromises are made. Somewhere along this complex process, machine learning models lose their magic. Iguazio's Data Science PaaS was built with the sole purpose of bringing models to life.

MANAGED DATA SCIENCE AND ANALYTICS SERVICES

Iguazio accelerates time from data science exploration to production in a fully managed environment. It combines fast data services, leading data science frameworks like Jupyter notebook, TensorFlow and Pytorch and serverless data collection and model serving, all per-integrated and running over Kubernetes.

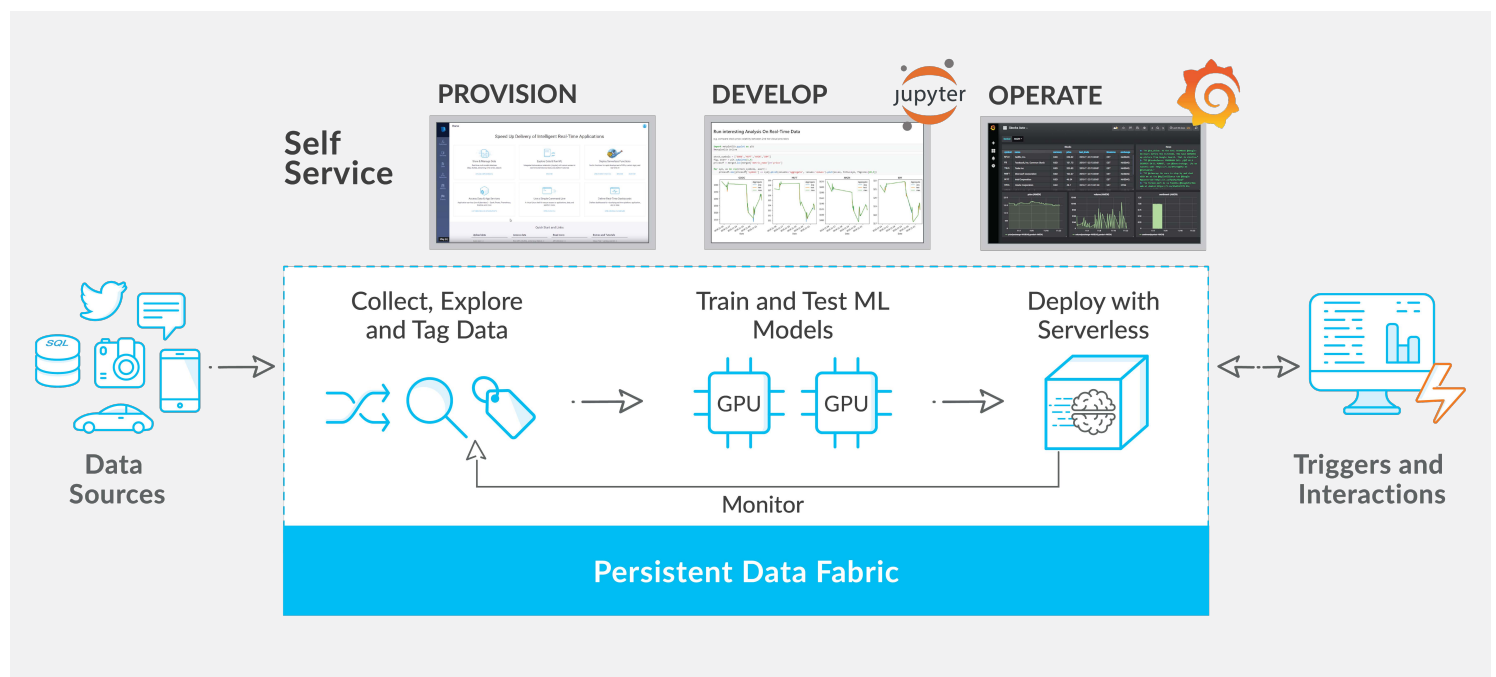
HIGH PERFORMANCE AND SCALABILITY

The platform provides fast, secure and shared access to real-time and historical data including NoSQL, SQL, time series and files. It enables high performance for exploration and serving, running machine learning models

during training and production with shared GPUs and scalable ML services. Iguazio runs as fast as in-memory databases on Flash memory, enabling lower costs and higher density.

ONE CLICK TO PRODUCTION

Iguazio bridges the gap between data science and data engineering, deploying machine learning models and code to production in a click with serverless functions. This is achieved without re-writing code, using the same feature vector and simplifying updates of machine learning models and code which are now a single versioned entity.



MODEL MANAGEMENT IN PRODUCTION

In production, customers monitor model performance and accuracy to identify and update models, ensuring models are constantly valid and predicting well.

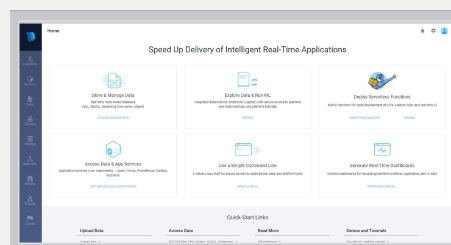
SECURE COLLABORATION

Data scientists using Iguazio securely work in both private and shared environments, leveraging shared access to data and notebooks for collaborative research.

MANAGED CLOUD/ MULTI-CLOUD/ EDGE/ ON-PREMISES

The platform can be deployed as a managed cloud service, at the edge, on-premises or on multiple cloud service providers. Overcoming the cloud's latency constraints, Iguazio's hybrid solution powers users to leverage elasticity in the cloud and high performance at the edge.

Self
Service



Managed Microservices and Serverless



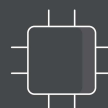
Persistent Data Fabric



kubernetes



External Sources



CPUs and GPUs



"Iguazio provides us with an integrated platform to effectively process and utilize data, which makes the job of better detecting fraud much easier and efficient in the doing."

Asanka Perera, Lead Data Scientist and Growth Hacker at PickMe

ABOUT IGUAZIO

The Iguazio platform streamlines data science to production and derives fast time to value for application development based on machine learning. It enables data scientists, who spend most of their time on plumbing, management and deployment, to focus on delivering better, more accurate and more powerful solutions. Iguazio powers data science for manufacturing, healthcare, insurance, financial services and telcos. Backed by top VCs and strategic investors, the company is led by serial entrepreneurs and a diverse team of seasoned innovators in the USA, UK, Singapore and Israel.