

Factsheet

Operationalize Artificial Intelligence @ Scale

Platform to operationalize and manage enterprise machine learning & artificial intelligence model, helping data engineers and scientists automate the ML/AI Design Lifecycle.

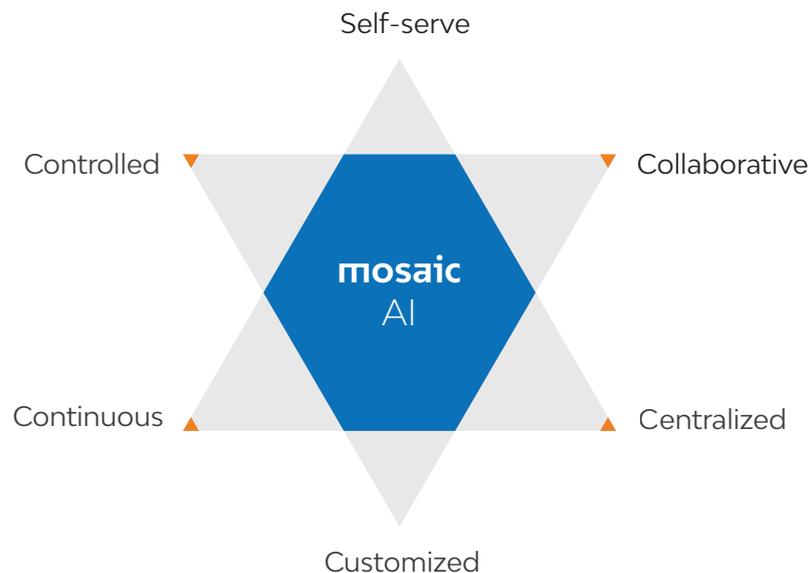
[#DataWrangling](#) [#BusinessRules](#) [#AssistedAnalytics](#)

Why **mosaic ai** ?

With rapid growth of digital initiative adoption among enterprises, leverage of Machine Learning (ML) and Artificial Intelligence (AI) is becoming a top priority for CIOs, CTOs and CDOs. Data volumes of organizations are witnessing exponential growth, leading to a mandate to generate business insights and impact from it.

The primary challenge for enterprise IT Leaders lies in adopting scalable infrastructures and defining DevOps procedures for ML/ AI model design-to-deployment journey at farm-to-fork speed. For this, enterprises need to change the way their Machine Learning portfolio is managed and deployed.

The Data Science community's expectation is to abstract operational complexities in a ML model design-to-deployment journey in a completely collaborative, customized, centralized, continuous and controlled approach.



Mosaic AI is an Analytics platform that abstracts operational complexities of the ML and AI model lifecycle. The platform facilitates the AI-Everywhere paradigm through an automated, iterative and fast design-to-deployment journey on any scalable hybrid infrastructure. It is aimed at enabling the enterprises to shift from small-scale and siloed experiments, to collaborative enterprise-scale production.

mosaic ai Benefits

Mosaic AI is the next-generation analytics platform that provides the artificial intelligence devops capabilities by abstracting the operational complexities of artificial intelligence lifecycle. The platform provides value proposition and benefits for each personas – data scientist, IT managers and C-suite Executive across the enterprise.

Data Scientists

- Focus on building models for complex business requirements and deliver business impact
- Integrated and unified platform with end-to-end operational activities
- Ease-of-use with a web-based user interface for operational activities of model lifecycles
- Search, discover and access data assets across the enterprise sources.
- Extensive library of pre-built, point-and-click, easy-to-use steps for generating deeper data profiles, data quality statistics, performing advanced data wrangling –with specific AI-led suggestions and assistance throughout the process.
- Personalized, multi-tenant, and collaborative notebook environment
- Fast-tracked model building with assisted Automated Machine Learning framework
- Reduced effort due to readily available data integration with profiling, model usage & accuracy health check reports
- Effortless one-line-code deployment
- Centralized model monitoring framework to easily track the usage of the model and be notified about the concept drift
- Create, deploy, and compare multiple versions of the model
- Easily explain the black box model for better adoption

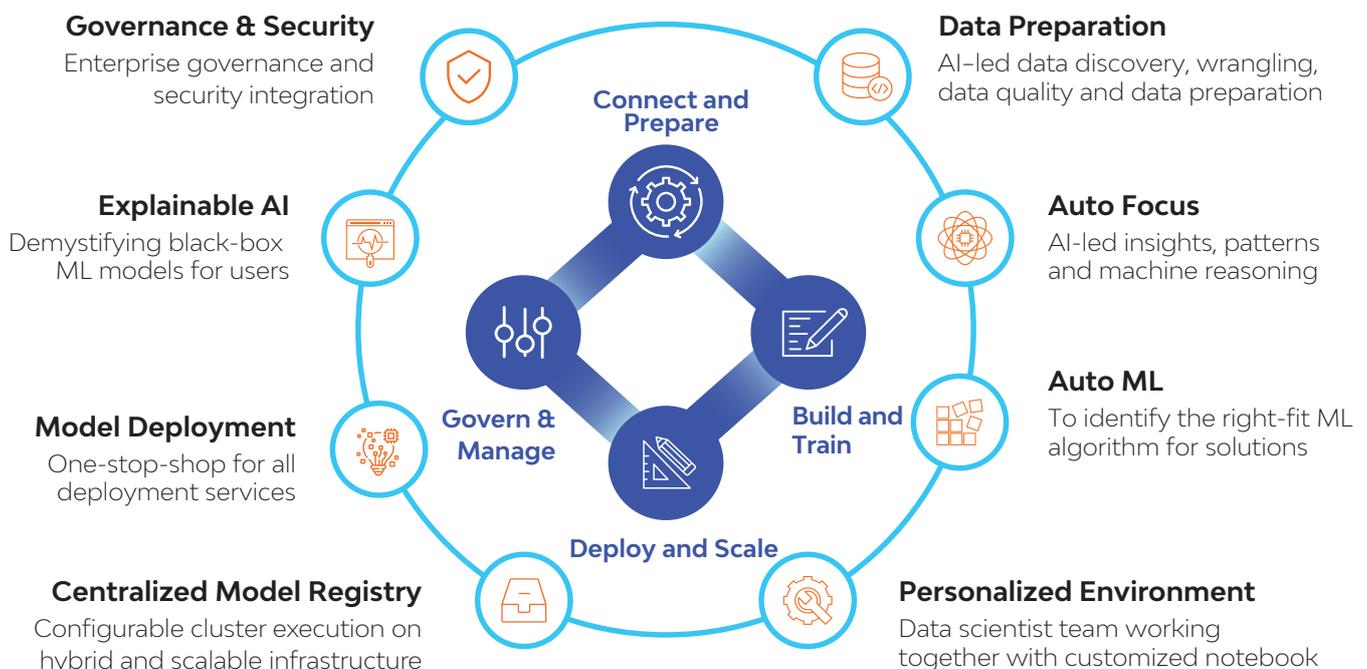
Data Science - IT Leaders

- Faster ML design-to-deployment journey
- Reduced AI DevOps effort which minimizes ML lifecycle iterations
- Tightened governance and security controls on a secure hybrid and scalable infrastructure
- Robust model monitoring providing visibility into usage, infrastructure cost with complete model lineage
- Reduced compliance and audit risk with the availability of usage and accuracy metrics
- Search, discover and request access to relevant data assets for specific insights.
- Centralized model management enabling better control and effectiveness
- Review and enforce best practices among data analytics work
- Scalability and high availability to minimize outages
- Centralized monitoring framework to detect and mitigate errors proactively

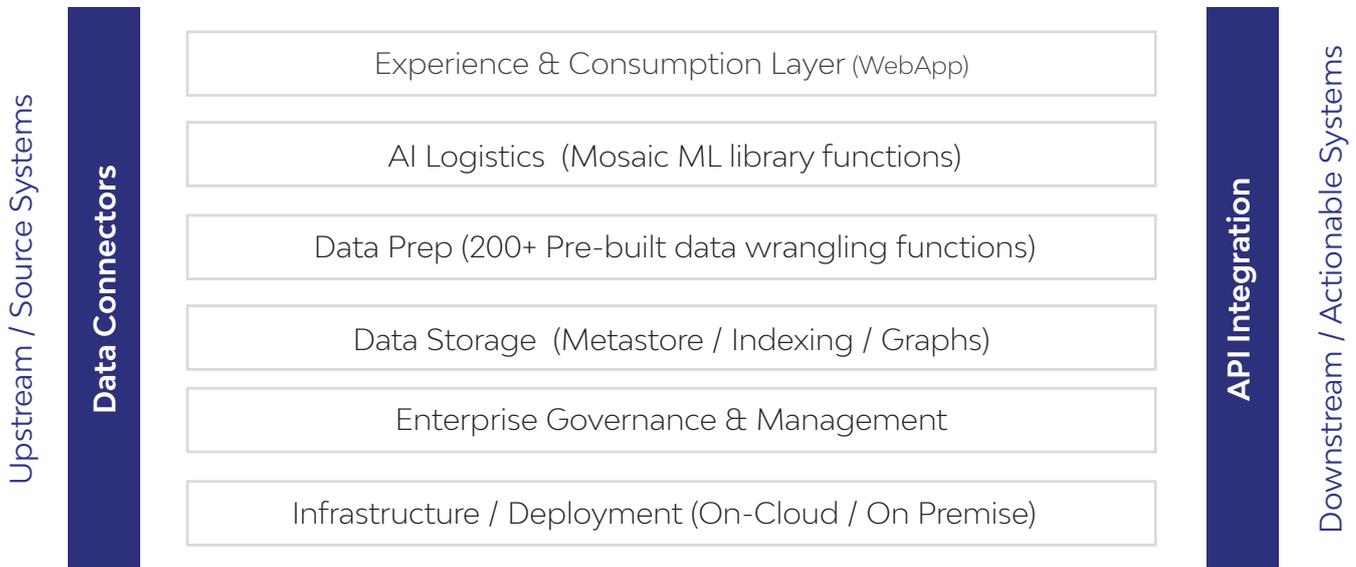
CIOs - CTOs - CDOs

- Provides a competitive edge as an organizational capability
- Maximizes ROI through platform capability
- Data science community focused on delivering business impact
- Centralized and controlled model management for faster decisions and a gradual reduction in investment cost
- Reduced regulatory and audit requirement by catering to audit tracking of model usage and performance
- Reduced time-to-market and quicker time-to-value
- No underlying technology and AI frameworks lock-in
- Complete model lineage and expansibility to be regulatory compliance

Salient Features



Product Architecture



Deployment Options

Flexibly deploy on cloud or on-premises



mosaic ai

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Request a Demo @ <https://mosaic.lntinfotech.com/>

LTI (NSE: LTI) is a global technology consulting and digital solutions Company helping more than 460 clients succeed in a converging world. With operations in 33 countries, we go the extra mile for our clients and accelerate their digital transformation with LTI's Mosaic platform enabling their mobile, social, analytics, IoT and cloud journeys. Founded in 1997 as a subsidiary of Larsen & Toubro Limited, our unique heritage gives us unrivalled real-world expertise to solve the most complex challenges of enterprises across all industries. Each day, our team of more than 40,000 LTIites enable our clients to improve the effectiveness of their business and technology operations and deliver value to their customers, employees and shareholders. Find more at <http://www.lntinfotech.com> or follow us at @LTI_Global.