



Industrializing value-added Data Products for Data-Driven decisions

LTIMindtree's Scarlet Data Mesh is a framework built upon the principles of data mesh to create data-products by combining discrete data across heterogeneous sources. Value-added data helps in data driven decisions and monetize both internally and externally for a self-sustaining and agile IT organization.



Outcomes

Data Products
(Ability to create ETL using low/no code)

Create many Data domains and assign ownership

Data Catalog and Discovery tool

Data Governance Raw and Value-added data. Integration with corporate SSO

Dockerized Solution with hooks to pay-as-you-go AWS services for data processing

Decoupled Storage - Easy scaling and portability across different platforms



Why LTIMindtree

Cloud Modernization for many Industry verticals

AWS Cloud expertise in modernization using LTIMindtree's Scarlet Accelerators

Years of research and experience recognized by AWS as Premier Consulting Partner

Reusable component based approach to AWS journey for a better plug and play development, agility and cost optimization

Solution Details

Create a framework for data processing and value addition that can be replicated for many new use cases

Registry for all data sources to enable discovery. Least privileged data access and RBAC for better Data Governance

Integration with corporate SSO through SAML and with other systems using loosely coupled interfaces for better interoperability

Centralized marketplace for data discovery. Tool based data governance leveraging AWS services

Define Domains, create ETLs and build Data Products using a tool based approach

PoV Pre-Requisites

Business and Technical Stakeholder Engagement

Data Assets, use cases and organization vision to data driven decisions.

Existing landscape of systems

Key Performance Indicators



Reduced Time to market



Scalability



Transparency



High Availability



Flexibility

Holistic Modernization to add value to your data with LTIMindtree's Scarlet Data Mesh

LTIMindtree [NSE: LTIMindtree] is a global technology consulting and digital solutions company that enables enterprises across industries to reimagine business models, accelerate innovation, and maximize growth by harnessing digital technologies. As a digital transformation partner to more than 700 clients, LTIMindtree brings extensive domain and technology expertise to help drive superior competitive differentiation, customer experiences, and business outcomes in a converging world. Powered by more than 85,000 talented and entrepreneurial professionals across 33 countries, LTIMindtree — a Larsen & Toubro Group company — combines the industry-acclaimed strengths of erstwhile L&T Infotech and Mindtree in solving the most complex business challenges and delivering transformation at scale.

For more, please visit www.ltimindtree.com or [@LTIMindtree](https://twitter.com/LTIMindtree).