LTI
Let's Solve

mosaic catalog

Discover and Manage all your
Enterprise Intelligent Assets

Powerful Metadata-driven Cognitive Discovery to find, explore, collaborate & consume enterprise data & analytical assets - contextually providing a single view.

#CognitiveCatalog #SelfserviceDataConsumption #DataPortal #DataAsAService #ReportCatalog #HybridCatalog #Catalog #InformationDiscovery #Collaboration #DataGovernance #IntelligentCatalog #FederatedDataConsumption

Why mosaic catalog

With digital transformation across the board, assets that drive enterprise intelligence have grown multifold. Now, in addition to enterprise data, new variety of assets include Machine Learning models, Data-APIs, specific cognitive engines, documents & entities within those documents. Infrastructure-wise, data is widely distributed across multiple on-cloud and on-premises source applications, databases and file systems.

A typical data-driven enterprise empowers different personas such as data engineers, data scientists, business analysts & business users - to derive value from all of their data & analytical assets.

LTI's Mosaic Catalog is designed for such data-driven enterprises. It enables creating a catalog of all intelligence assets - with a simple, intuitive & contextual interface for each personas. It enables a faster multi-faceted asset discovery, exploration disparate assets and seamless integration for persona-specific downstream activities.

LTI Mosaic Catalog – Salient Features

Discover Assets Across Enterprise

Single view of all the data spread across different applications/storage in an enterprise.

Data Governance

Enterprise governance using data access request work-flows, fine-grained user access control, etc.

Self-Service Consumption

Federated querying and Data APIs to make data consumption available without IT intervention.

Collaborative Data Enrichment

Enrichment of the metadata with qualitative inputs such as user feedback, rating, documentation, etc.

Intelligent Cataloging

Auto Tagging, Auto Recommendation, Auto Relationships and PII to have intelligent cataloging.

Catalog Heterogeneous Data Sources

Availability of wide range of connectors to get the metadata from the sources like RDBMS, NoSQL, Cloud, BigData, BI Reporting, & FTP/SFTP.

Data Citizen

Contextual View

A single place to host the metadata of all such heterogeneous assets like Datasets, BI Reports, Data APIs, Documents, ML Models & Lens. It makes these heterogeneous assets discoverable with business glossary defined by business users using a simple & intuitive interface.

Cognitive Discovery

Faster discovery & contextual recommendations of enterprises' data & analytical assets using intelligent search powered by AI-driven auto tagging.

Data Exploration

Readily available data profiles, pre-views and toolsets for ad-hoc exploration of disparate data sets.

Data Collaboration

Interactive expert guidance to enrich the catalog metadata, "owner-consumer" framework across various entities of an organization to share the information assets in a governed way and crowd-sourced ratings and feedback to promote collaborative way of ensuring quality of information assets.

Self-service Consumption

Capability to perform ad-hoc analysis with a powerful federated querying engine across data sets from different sources.

Data Scientists/Business Analysts

Cognitive Discovery

Faster discovery and contextual recommendations of assets powered by AI-driven auto tagging.

Data Quality

Dashboard providing AI-driven data quality statistics helping build trust in data.

Self Service Consumption

Downstream Integration: Seamlessly start downstream work such as machine learning model building or business intelligence & reporting or creating specific Data-APIs.

Data Owner

Auto Register & Auto Sync

Publish metadata from heterogenous systems to the catalog and maintain that in sync with its source, for newly-added, as well as existing data & analytical assets.

Data Sample & Profiling

Make data quality statistics available by enabling the features while publishing the metadata.

Data Governance

Ensures controlled access to all information assets based on persona with access request work flow and multi-level approval mechanism.

Data Admin

User Management

Implement and maintain user management using SSO/AD/LDAP as per organizational requirement.

Groups & Roles

Create, implement and maintain groups & roles and assign them to the associates as per their persona.

Product Architecture

Upstream / Source Systems

Data Connectors
CONNECTOR FRAMEWORK (RDBMS, NOSQL, CLOUD, BIGDATA, FILESYSTEM, BI REPORTING)

Discovery
Facets/Semantic Search | Explore | Auto Tagging | Auto Recommendation | Auto Relation
Sampling | Profiling | Pinned | Favourite

Publish
Auto Publish | Auto Sync | Bulk Metadata Pull

Collaboration
Data Asset Sharing Workflow | Discussion | Feedback | Rating

Metadata Management
Data Dictionary Definition | Description | Documentation | Category & Sub-category

Data Governance
SSO/AD/LDAP | User Management | PII | Expert | Notification

Infrastructure / Deployment
On-Cloud / On Premise

Self-Service Consumption
FEDERATED QUERY | DATA AS API

Downstream / Actionable Systems

Deployment Options
Flexibly deploy on cloud or on-premises

aws	Azure	Google Cloud	On-premise

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Request a Demo @ https://www.lti-mosaic.com/

LTI (NSE: LTI, BSE: 540005) is a global technology consulting and digital solutions Company helping more than 420 clients succeed in a converging world. With operations in 32 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 unrivaled real-world expertise to solve the most complex challenges of enterprises across all industries. Each day, our team of more than 30,000 LTItes 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 www.Lntinfotech.com or follow us at @LTI_Global

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