Data Pipeline Studio

Accelerate your journey from data to business value and deliver business insights by using out-of-the-box capabilities to manage your end-to-end data life cycle

Data is the new oil to fuel the organization growth engine. But it must be cleansed, processed, transformed, and analyzed before drawing actionable insights. While the benefits of data-driven insights range from strategic and tactical decision making to delivering personalized customer experiences, the challenges to deal with data have become far more complex now, than ever before.

Challenges

Disparate sources: ERP, CRM, REST API, CSV, Excel, JSON, Parquet file formats

Volume, velocity, and variety: Processing petabytes of data coming in as text, images, and streams through various formats amplifies the challenges

Complexities in managing data pipeline: Creating, deploying, executing, and monitoring data pipelines with reliable performance is complex and resource-intensive

Quality of data: Data duplication, data inaccuracy, data incompleteness, data inconsistencies

Lack of integrated data management framework:

People, process, and technology integration is not matured enough

Technology complexities: Multiple clouds, data lakes, and technology stacks required for data processing, engineering, and analytics

Lazsa Data Pipeline Studio is the industry-first open data fabric platform which helps business and technology teams collaborate and convert raw, complex data into actionable insights. It operates with multiple clouds, data lakes and data technologies to enable orchestration and accelerate your data-to-insights journey.

Data Sources

Databases

Enterprise Apps

Files

FTP/SFTP

Best-In-Breed Technologies of Your Choice DataOps and MLOps

Data Quality

Data Lineage, Data Crawlers, and Data Catalog

PEOPLE PROCESS TECHNOLOGY

Others

Data Requirements Data Policies and Standards Glossaries Data Rules Data Scorecard Insights

Business Owners

Data Architects

Data Analysts Data Stewards Data Custodians Tech Owners

One Platform - Multiple Stakeholders

Data Engineer

Leverage out-of-the-box ready to use connectors for data integration

Quickly address data quality issues

Transform and unify data and prepare it for visualization and analytics

Productivity improvement by 20-40% in data engineering activities like integration, transformation, and data quality

Citizen Developer

Create data pipelines within a few clicks

Gain complete visibility into the actions and results it produces

Productivity improvement by 40-60% through "data to insights" Enhanced experience and efficiency in data management

Data Pipeline

Build and orchestrate your data fabric and data mesh solutions within a few clicks using Data Pipeline Studio Run, monitor, and troubleshoot issues in data pipeline in a single click

Rapidly build reliable data pipelines by using predefined and customizable templates

Data Architect

Define the technology stack for your data product and publish the data for sharing

Gain complete technical control over the solution and architecture of the product

Time saving up to 20-25%

Improved control and compliance to implement data fabric and data mesh architectures

Data Owner

Configure pipelines that work on your data

Manage, monitor, promote, and share your pipelines quickly and easily with others

Complete control of creation, monitoring, management, and promotion of pipelines using data you own

Data Quality

Improve data quality leveraging out-of-the-box 3-stage process to profile, analyze, and resolve data issues

Address duplicates, missing data, outliers, etc. using out-of-the-box rules in few clicks

Segregate data based on rules for further analysis and improvement of data quality

Data Crawlers and Data Catalog

Crawl multiple data sources in a single run and update data catalogs

Discover the relationship between data elements using the metadata to enhance the value of data

Improve data efficiency and reduce errors by using data crawling and cataloging of metadata inventory

DataOps

Develop, test, promote, and deploy data pipelines through multiple stages

Design, implement, and maintain a data architecture that supports a wide range of tools and frameworks

Improve analytics and reduce cycle time through out-of-the-box processes, components, and algorithms to derive new insights

Data Lineage

Leverage data lineage to understand data transformation and comply with regulations and standards

Troubleshoot issues quickly and confidently by using data lineage

Collaborate between business data owners and technical data owners using data lineage

Offered as

Excited about Lazsa ?

PaaS

Public Cloud

Sign up for a free demo

Contact us - sales@calibo.com or visit www.calibo.com