

Data Processing Service (Managed Spark)

Transform Data into Insight — Faster, Easier, and Without Code

Build automated pipelines with zero-code effort, live visibility, and plug-and-play connectors using JioCloud Data Processing and Curation.

The Challenge

- Teams spend hours pulling data from multiple systems — only to face delays, errors, or missing context
- As data volumes and formats grow, old tools fall behind, slowing down automation and decision-making
- Manual curation takes time and effort, making it hard to meet evolving business needs
- Setting up and managing infrastructure adds cost and complexity — especially for large-scale or real-time use



The JioCloud Solution

JioCloud Data Processing and Curation lets you build data pipelines at scale — without writing code or managing infrastructure.

You can pull in data from many sources, clean and shape it, apply logic, and send the output to wherever it is needed — from dashboards to analytics tools or downstream systems. Designed for India-scale needs, the platform supports drag-and-drop pipelines, reusable components, and live tracking across every stage — so you stay in control, from ingestion to insight.

Key Features

- **No-code pipeline builder**
Create and manage data flows using an intuitive interface — no programming required.
- **Built-in connectors**
Easily plug into databases, APIs, files, and cloud storage — streamline integration across sources.
- **Drag-and-drop ETL**
Visually design transformations and routing logic with minimal configuration.
- **Job and lineage visibility**
Track every pipeline, log, and job from a centralised workspace — ensure data integrity and auditability.
- **Live data previews**
View structured output instantly — verify transformations before production deployment.

What You Gain

- **Faster insights**
Go from raw data to actionable output in minutes — without developer bottlenecks.
- **Lower costs**
Eliminate infrastructure complexity with a ready-to-use, managed platform.
- **Greater efficiency**
Automate manual workflows, reduce errors, and accelerate business operations.
- **Full control and transparency**
Monitor, track, and tune every pipeline with real-time observability and version control.



Use Cases in Action

Retail data curation — simplified ETL for regional datasets

A large retailer processes customer orders in Indian languages submitted via CSV uploads. With JioCloud Data Processing and Curation, the team builds a no-code pipeline that ingests, cleans, and transforms these datasets — applying business logic and generating structured outputs automatically.

Teams use a drag-and-drop interface to map fields, apply conditions, and view transformation results live. The result: faster insights, fewer manual errors, and full visibility across ingestion to output.

The journey

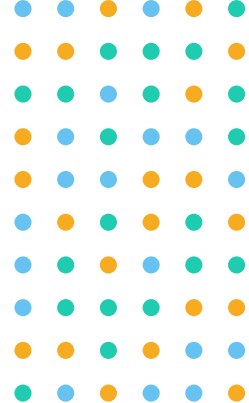
- **Ingest** - Data is ingested to our environment through various sources.
- **Explore** - Users can explore the data and visualise it for better observability and analysis.
- **Transform** - Perform basic to advance ETL operations on the data to transform it as desired
- **Execute** - Execute the workflow as a job / pipeline and visualise the same.

Who It's For

- E-commerce platforms managing multi-source product data .
- Financial services cleaning KYC or transaction data.
- Healthcare systems curating diagnostic and EMR records.
- Retail chains aggregating sales and inventory data.
- Analytics and data engineering teams building unified datasets.

Why JioCloud

- Built for Indian data complexity and real-time enterprise needs.
- Seamless integration with JioCloud storage, APIs, and compute.
- Optimised for scale, governance, and affordability.
- Intuitive for beginners — powerful for data engineers.



Build Smarter Pipelines - with JioCloud

Connect with us at jpl.cloudsales@ril.com or visit (website) to see how JioCloud Data Processing and Curation can transform your data stack.

