1 Batch ETL

aws

Source	Ingest	Transform	Query and Process	Serve	Analysis

Integration

Federation

Amazon Redshift

ETL

- Sensors and IoT (unstructured)
- RDBMS (structured)
- Files / Logs (semi-structured)
- Media (unstructured)
- Business Apps (structured)
- Other clouds

Data Intelligence Platform on AWS

Orchestration
Workflows

Batch & Streaming

Auto loader

Data Science & Gen AI

Processing, ETL, Real-time Analytics
Delta Live Tables → Spark / Photon

Data Warehousing

Data Intelligence Engine
DatabricksIQ
Assistant

Batch & Streaming

AWS Glue

Amazon AppFlow

Data and AI Governance
Catalog & Lineage · Access Control · Unity Catalog · Lakehouse Monitoring

Data
Delta Lake · *AutoLoader* · bronze silver gold

Collaboration

Amazon S3

Storage

Dashboards

Operat. DBs
Amazon RDS · Amazon Dynamo DB

Integration

ID Provider
ID Provider

Governance
Enterprise Catalog

Key
Domain
Key capability