

Data Modernization

Transform Legacy Data Systems into Scalable, Insight-Driven Platforms

Overview

Durga Analytics helps organizations modernize legacy data platforms into agile, cloud-native ecosystems that drive operational efficiency and real-time decision-making.

Key Capabilities

- Cloud Migration of legacy databases and ETL frameworks
- Data lake & lakehouse architecture setup
- Modern ingestion frameworks (batch & real-time)
- Data cataloging and metadata management
- Modern BI tools and dashboard refresh programs

Approach

- 1. Assessment:** Audit current systems, data sources, usage & quality
- 2. Planning:** Build a cloud migration plan with modernization milestones
- 3. Execution:** Rebuild pipelines, optimize performance, validate outcomes
- 4. Enablement:** Train teams, deploy governance, and automate operations

Benefits

- Accelerated time-to-insight with scalable cloud solutions
- Reduced total cost of ownership
- Future-proof architecture that supports AI and ML adoption
- Enhanced data accessibility, quality, and governance

Case Highlights

- Replaced legacy data warehouse with a real-time Azure Data Lake solution, improving data availability by 80%
- Built ingestion and reporting platform on Snowflake for a retail bank, reducing reporting delays from 2 days to 2 hours

