

Data Foundation

Build a Strong, Scalable Backbone for Your Data & AI Ecosystem


Overview

Durga Analytics helps you lay the right data foundation by aligning architecture, domains, semantics, and quality with your business and AI goals.

Core Components

- Data domains aligned with business functions
- Data mesh and fabric-based architecture models
- Semantic layer creation for consistency across reports and AI models
- Reusable data products and standardized data models
- Enterprise data catalog and data quality frameworks

Our Approach

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- 1. Domain Discovery:** Identify and group data assets by business relevance
 - 2. Semantic Modeling:** Define common metrics and meaning
 - 3. Data Productization:** Develop reusable datasets for analytics and AI
 - 4. Quality & Governance:** Deploy rules, lineage, cataloging, and ownership

Benefits

- Improved data discoverability and reuse
- Accelerated analytics and AI project delivery
- Stronger data governance and lineage visibility
- Business-aligned data ownership and accountability

Client Impact

- Enabled a data mesh foundation for a leading e-commerce firm, accelerating AI development by 3x
- Established a standardized semantic layer and reusable models for a fintech player, cutting report duplication by 60%

