



**1 Data Sources**

- Data Warehouses
- On-Premises Systems
- SaaS Applications
- Machine & Application Logs
- Application Events
- Mobile & IoT Data

**2 Ingestion**

- Batch Ingestion
- CDC Ingestion
- Streaming Ingestion

**3 Processing**

- RAW → ODS → Dimensions → Facts → Datamarts

**4 Data Engineering & AI/ML**

**5 Query**

**6 Dashboards**

**7 Serve**

**8 Users & Applications**

- External Apps
- Operational Databases
- Data Sharing & Collaboration
- Business Users
- BI Reporting (Tableau, Power BI, X)

**Data Intelligence Platform**

**Orchestration**

**Unified, Open, Scalable Lakehouse Architecture**

- Governance:** Unity Catalog
- Open Storage:** DELTA LAKE, Parquet, ICEBERG

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