FashionMart EDA Blueprint Diagram

Governance

INTERNAL
- POS Systems
- WMS / TMS Data
- Online Store Data
- IMS Data
- ERP/CRM Data
- Manual transfer

EXTERNAL
- Supplier's DB/APIs
- Social Media Platforms
- Partner Integrations

Encryption
Access Control
Compliance

Security & Privacy

Data warehouse 1

Data warehouse 2

Data Lake
- POS system DB (XLS)
- CRM system DB
- Website DB

Quality check

Data Sources → **Data Ingestion** → **Data Processing** → **Data Storage** → **Analytics**

Yes

APACHE nifi

- ETL scripts
- API gateways
- + APACHE Spark

BI
- Dashboards
- Prediction Engines
- Real-Time Analytics

- Regulatory Reporting
- Meta-data Repository

Cloud components

On-premise components