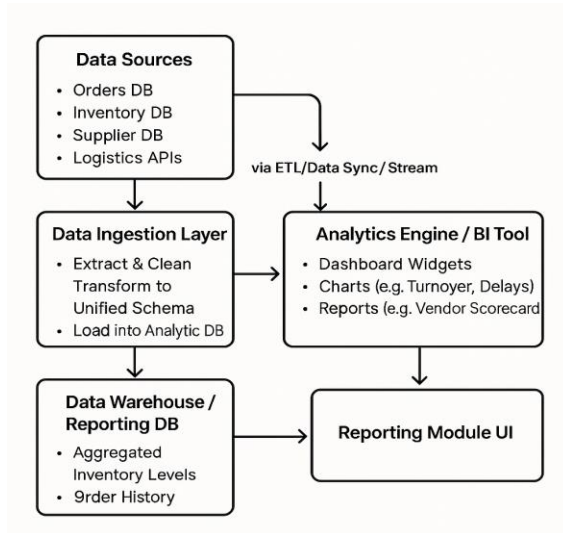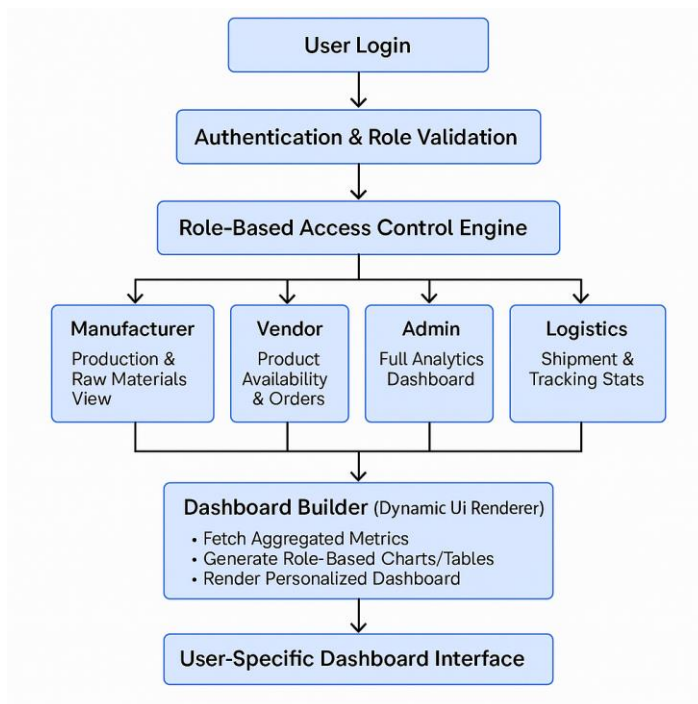**Reporting & Dashboards**

Flow Diagrams:

- **Data Aggregation Flow**

- **User-Specific Dashboard Flow**

- **Real-time Alert Flow**

Monitoring Services
- Stock Level Tracker
- Shipment Tracker
- Order Queue Monitor

(via ETL/Data Sync sirgem)

Threshold Evaluation Engine
- Check Inventory Thresholds
- Monitor Delivery SLAs
- Detect Anomalies via Rules or AI

Alert Trigger
- Manual Trigger (by user)
- Automatic Trigger (by system logic)

Notification System
- In-App Alert
- Email
- SMS / Push Notification

Targeted Users
- Inventory Manager
- Logistics Coordinator
- Admin