

Project Task: Data Pipeline and Analytics Dashboard Development

Objective

To design a data model and develop a data pipeline that ingests transactional data from a source system to an analytical system and to build a dashboard in Databricks that provides insights.

Phase 1: Data Ingestion and Processing

Goal: Extract, transform, and load (ETL) data from an operational system to an analytical system.

Tasks:

1. **Data Source Identification**
 2. **Data Ingestion into Databricks**
 3. **Data Modelling**
 4. **Data Loading into the Data Warehouse/Data Mart**
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Phase 2: Data Analysis and Dashboard Development

Goal: Utilize the developed data mart to derive insights and create interactive dashboards.

Tasks:

1. **Data Analysis using SQL**
2. **Dashboard Development in Databricks**