# Project Architecture

## Overview of Five-Step Process

**STEP 1**

### Step 1: Data Source

The process begins with the **orders.csv** file as the main data source.

**STEP 2**

### Step 2: Data Analysis

Utilize **Python** with Pandas and NumPy for data cleaning and exploratory data analysis (EDA).

**STEP 3**

### Step 3: SQL Layer

Execute **SQL Queries** for business analysis to derive valuable insights.

**STEP 4**

### Step 4: Visualization

Create a **Power BI Dashboard** to visualize the processed data and insights effectively.

**STEP 5**

### Step 5: Output

Compile **Insights & Reporting** to summarize findings and guide decision-making.