Dataset Summary Report

1. Dataset Overview

- **Domain:** Business / E-commerce / Retail

- **Dataset Size:** 1,067,371 records

- **Number of Features:** 8

- **Time Span:** 2 years of online retail transactions

- **Data Type:** Multivariate, Sequential, Time-Series, Text

- **Source:** Online retail transaction logs

2. Business Context

This dataset represents online transactions for an e-commerce store over two years. It includes details like

3. Target Variable

- **Target:** Total Sales Revenue per time period

- **Formula:** Total Sales = Quantity × Price

4. Features Description

Feature	Description	Type
Invoice	Unique transaction ID	Categorical
StockCode	Unique identifier for each product	Categorical
Description	Name of the product	Text
Quantity	Number of units purchased per transaction	Numerical
InvoiceDate	Timestamp of the purchase	Time-Series
Price	Price per unit of the product	Numerical
Customer ID	Unique customer identifier	Categorical
Country	Country where the transaction occurred	Categorical

5. Type of Problem

- **Machine Learning Task:** Regression (Time-Series Forecasting)
- **Goal:** Predict future sales revenue based on historical transaction data.