**Project Title : Sustainable Supply Chain Performance Dashboard Using Power BI Week-1**

**1. Introduction**

The primary objective is to analyze the performance of the supply chain and identify key metrics such as

total revenue, average manufacturing cost, total products sold, most selling products, defect rates,

shipping costs, and more.

**2. Extract, Transform, Load (ETL) Process**

a. Extract

- Import Data : Steps to import the CSV file into Power BI.

- Open Power BI Desktop.

- Click on "Get Data" and select "Text/CSV".

- Browse to the location of your CSV file and load it.

**b. Transform**

- Data Cleaning : Steps to clean the data in Power BI.

- Open Power Query Editor.

- Remove unnecessary columns.

- Filter out invalid or irrelevant data.

- Handle missing values (e.g., replacing, removing, or imputing them).

- Data Transformation : Steps to transform the data for analysis.

- Add calculated columns.

- Create relationships between tables (if applicable).

- Merge or append tables (if applicable).

**c. Load**

- Load Data : Steps to load the transformed data into Power BI.

- Close and apply the changes in Power Query Editor.

- The data will be loaded into Power BI for analysis.



