Project Name

 Supply Chain Analysis

Project Idea

Create an engaging and interactive Power BI dashboard that provide real-time, data-driven insights into key supply chain operations to support strategic business optimization. By visualizing and analyzing procurement, inventory, logistics, and supplier performance data, the dashboard enables stakeholders to identify inefficiencies, monitor KPIs, reduce costs, improve service levels, and enhance overall supply chain responsiveness and decision-making

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Team Members

-Sohaila Ahmed Ahmed Farouk

- Hager Mohamed Mohamed Mohamed

 - Noha Mohammed Elsaid Mohammed

- Alyaa Hamed Aly Hussein

 - Esraa Mostafa Attia Zaghlal

 - Sara Mohamed Hussein Hamd

Work Plan

1. **Data Collection**
   - Identify relevant data sources

2. **Data Cleaning & Preparation**
   - Remove duplicates, fix missing values, and ensure data consistency

3. **Data Modeling**
   - Build data model

4. **Dashboard Design & Development**

- Create interactive Power BI visuals

5. **Testing & Validation**

6. **Final Presentation**

Roles & Responsibilities

- **Data Collection:** Sohaila.

- **Data Cleaning & Preparation:** Sohaila, Hager, Noha, Esraa.

- **Data Modeling:** Sohaila, Hager, Noha, Esraa.

- **Dashboard and development:** Sohaila, Hager, Noha, Esraa.

- **Testing & Validation** All team members

- **Final Presentation** : Sohaila, Noha, Esraa.

Instructor

- **Kareem Bakli**

Project Files

SOHAILA19/Supply_Chain

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- **KPIs (Key Performance Indicators)**

  - Total Sales,
  - Order by Country,
  - Total Customers,
  - Average Purchase Value,
  - Average Delivery Time,
  - Orders by Ship Mode.