Supply Chain Analysis Report

Project Overview:

This project involves analyzing supply chain data to identify patterns, optimize logistics, and improve operational efficiency.

The dataset includes detailed attributes related to product types, pricing, sales, supplier performance, shipping details, and quality control. By applying data analysis techniques, the project aims to enhance supply chain visibility, reduce costs, and improve product delivery times.

Name	Main task	%	Secondary task	%
Ziad Khaled Masoud	Build Data Model, Data Cleaning and Preprocessing	100%	Visualization Dashboard and Final Presentation	Not started
Abdelrhman Ahmed	Analysis Questions Phase	100%	Visualization Dashboard and Final Presentation	Not started
Sama Mahmoud	Analysis Questions Phase	100%	Forecasting Questions Phase	Pending
Seif El-Deen Ahmed	Forecasting Questions Phase	In progress	Analysis Questions Phase	Pending
Mohamed Hymeda	Forecasting Questions Phase	85%	Analysis Questions Phase	100%
Reneh Romany	Visualization Dashboard and Final Presentation	Not started	Build Data Model, Data Cleaning and Preprocessing	100%
Mohamed Rafaat	Visualization Dashboard and Final Presentation	Not started	Forecasting Questions Phase	Pending

Current Status Summary

- ✅ Data Cleaning: **Completed**

- ✅ SQL Query Writing: **Completed**

- ✅ Python Visualization: **Completed**

- 🟧 Forecasting: **In Progress (50%)**

- 🟥 Power BI Dashboard: **Not started**

- 🟥 Final Report and Presentation: **In progress**