**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.

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| --- | --- | --- | --- | --- |
| 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**