

Team Members:

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Project Proposal: Supply Chain Dataset Analysis

Dataset: supply_chain_data.csv

Tool: Power BI

Duration: 4 Weeks

Week 1: Data Cleaning and Preparation

Tasks:

- Load the dataset into Power BI.
- Check and fix any missing or incorrect data.
- Rename columns and set the right data types.
- Create new fields if needed.

Deliverables:

- Clean dataset ready for analysis.

Week 2: Develop Analysis Questions

Tasks:

- Review the data to decide what questions can be answered.
- Focus on business-related insights such as:
 - Which products generate the most revenue?
 - Which suppliers or routes are most cost-efficient?

Deliverables:

- A list of clear questions to guide the dashboard.

Week 3: Dashboard Creation

Tasks:

- Build a Power BI dashboard to answer the analysis questions.
- Include visuals such as:
 - Top-selling products.
 - Supplier performance and defect rates.

Deliverables:

- Interactive Power BI dashboard.

Week 4: Final Report and Presentation

Tasks:

- Summarize key findings and insights from the dashboard.
- Highlight main challenges and business recommendations.
- Prepare a short presentation with visuals and conclusions.

Deliverables:

- Final report and PowerPoint presentation.