**Project Title:**

**Supply Chain Data Analysis Project**

**Description:**

This project involves an in-depth analysis of a retail supply chain dataset . The main objective is to extract actionable insights that can enhance decision-making in areas such as order fulfillment, shipping performance, and customer segmentation.

Using tools like Excel, SQL, Python and Power BI, the dataset was cleaned, transformed, and visualized to identify trends, inefficiencies, and opportunities for cost reduction and performance improvement. Key metrics such as sales, cost of goods sold (COGS), delivery times, and late delivery risk were tracked and analyzed.

Multiple interactive dashboards were created to monitor supply chain performance from different perspectives including overall KPIs, product category performance, customer behavior, shipping timelines, and supplier impact.

This project demonstrates practical skills in data wrangling, exploratory analysis, and data visualization, with a focus on real-world applications in supply chain management.