**📊 Inventory and Supply Chain Analysis**

**📝 Project Overview**

This dashboard delivers a comprehensive analysis of inventory and supply chain operations to help businesses optimize stock levels, monitor supplier performance, and enhance delivery efficiency. The project includes dynamic visuals, slicers, and KPIs to provide deep insights into procurement, stock turnover, and distribution metrics.

**🔧 Tools Used**

* Microsoft Power BI
* Excel (for data input/transformation if applicable)

**💡 Key Features**

* Inventory Overview: Monitors stock status including quantity on hand, reorder levels, and out-of-stock items.
* Turnover Analysis: Calculates and visualizes inventory turnover ratio to track how effectively inventory is managed.
* Supplier Performance: Analyzes supplier-wise delivery timelines, order accuracy, and cost efficiency.
* Stock Movement: Visual breakdown of incoming and outgoing stock across time periods and product categories.
* Forecasting & Trends: Time-series insights to identify patterns in demand and restocking needs.

**📈 Visualizations Used**

* Line Charts
* Bar and Column Charts
* KPI Cards
* Donut/Pie Charts
* Slicers (Product Category, Supplier, Region, etc.)

**📂 Outcome**

This interactive Power BI report helps supply chain managers and decision-makers identify bottlenecks, reduce inventory costs, and make data-driven decisions to ensure timely product availability.