

Project Title

Custom Manufacturing KPI Dashboard – Sales, Stock & Product Insights

Project Objective

To build a fully automated Excel-based dashboard for a small-scale manufacturing company that provides a centralized, real-time view of sales, inventory levels, product performance, and category-wise analysis. The goal was to streamline decision-making through dynamic visuals and automated data consolidation.

Scope of Work

- Import and consolidate monthly sales data from multiple Excel files
- Monitor and visualize stock levels, reorder alerts, and stock movements
- Display top-selling products and category-wise sales distribution
- Automate data refresh and dashboard updates using Power Query and macros

Tools & Techniques Used

Excel Power Query: Data import, transformation, and consolidation

Pivot Tables & Pivot Charts: Data visualization

Slicers: Dynamic filtering (Month, Store, Product Category)

Excel Formulas: Inventory calculation, sales value computation

Macros (VBA): One-click data refresh button

Outcomes

- Reduced manual tracking of sales and inventory
- Enabled faster decisions with near real-time data
- Simplified reporting for stakeholders using a **single Excel file**
- Created a **scalable framework** to add future months or new data sources