Sales & Inventory Tracker Dashboard – Project Report

Overview

This project demonstrates a comprehensive Sales & Inventory Tracking system built using Microsoft Excel and Power BI. It integrates automation through VBA and offers an interactive Power BI dashboard for business insights and performance monitoring.

Tools & Technologies

- Microsoft Excel (.xlsm) with VBA macros
- Power BI Desktop
- Screen Recording (Lenovo Xbox Game Bar)

Excel Automation Features

- Automated inventory status update based on stock levels
- Stock deduction based on sales data with processed flag tracking
- Reorder alert popup triggered on file open
- Buttons for non-technical users to execute macros easily

Power BI Dashboard Features

- KPI Cards: Total Sales, Total Orders, Reorder Alerts
- Interactive Slicers: Customer, Product, Date
- Visuals: Top 5 Products by Sales, Monthly Sales Trend, Payment Status Donut Chart
- Dynamic Reorder Table filtered to low stock items

Deliverables

- .xlsm file with VBA automation
- .mp4 demo video showcasing interactivity
- This one-page summary report