ABSTRACT

Alpian Susanto (2021081088)

DATA VISUALIZATION FOR MAINTENANCE, ANALYSIS, REPORTING, INVENTORY AND SALES AT PT. YXZ

In the digital era, data has become a strategic element supporting various aspects of company operations, especially in inventory and sales management. Through data visualization using Microsoft Excel and web-based applications, complex information can be interpreted efficiently and accurately through interactive graphs, tables, and dashboards that provide clear insights into sales trends, product performance, and stock status. This approach enables companies to monitor stock availability, plan timely product replenishment, and identify opportunities based on sales patterns, while the use of web-based applications facilitates data integration from various branches for real-time performance evaluation. With the implementation of this strategy, companies are expected to improve operational efficiency, respond to market needs more responsively, and maintain competitiveness through more effective and informative data management amid increasingly fierce competition.

Keywords*: Data Visualization, Microsoft Excel, Web-Based Applications, Inventory, Sales, Reporting, Operational Efficiency.*