Independent — Supply Chain KPI & Inventory Visibility Dashboard

Independent SCM Case Study | Supply Chain Analytics

THE PROBLEM

Operational teams can have large amounts of data but still lack a single view of what is moving slowly, where inventory is blocked, which suppliers are delayed and which KPIs need attention.

MY APPROACH

• Designed a management dashboard concept combining operational data.

• Included stock value, ageing, fast/slow/non-moving inventory.

• Included purchase orders, supplier lead time and pending orders.

• Included inward/outward, pending transactions and exceptions.

• Included Inventory Turnover, Supplier OTD, Procurement Cycle Time and Stock Availability.

• Mapped a learning stack: Excel → SQL → Power BI → Python.

RESULT / BUSINESS VALUE

The project demonstrates how raw operational information can become a decision-support system, moving management discussion from 'what happened?' toward 'why did it happen and what should we do next?'

SKILLS DEMONSTRATED

Supply Chain Analytics • Inventory Management • Power BI • Excel • SQL • Python • KPI Reporting

Public-portfolio note: confidential company information, vendor names and unverified financial savings are not disclosed.