**Vendor Performance Analysis**

End to End Data Pipeline to evaluate and optimize vendor and Inventory performance using Python, SQL, PowerBI

**To Do:**

1)Data Ingestion Using Python And Creating Logs

2) SQL Summary for vendor Performance

3)EDA with outlier detection & Analysis

4)Profit Analysis

5)Dashboard

**Objectives:**

* Identify underperforming brands for strategic action
* Pinpoint vendors with low stock turnover or losses
* Leverage bulk purchasing insights to reduce unit cost
* Validate profitability differences statistically between vendor tiers
* Reduce risk from vendor over-dependence

**Dashboard:**

* Top vendors by sales and margin
* Inventory turnover heatmap
* Sales vs. Purchase ratios
* High-margin but low-volume brands