



Daily Transactions Analysis

SUMMARY REPORT

Data Cleaning

- ▶ Handled missing values
- ▶ Corrected data types (e.g., parsed date columns)
- ▶ Removed duplicate records

Exploratory Data Analysis

- ▶ Right-skewed distribution of transaction amounts
- ▶ Sales and Purchases were the most frequent categories
- ▶ Credit transactions occurred more frequently than Debit

Time Series Analysis

- ▶ Monthly trends showed seasonal peaks
- ▶ Daily transaction data revealed volume fluctuations

Correlation Analysis

- ▶ Strong correlations between specific transaction categories
- ▶ Indicates operational or behavioral patterns

Key Visualizations

- ▶ Distribution of Transaction Amounts
- ▶ Transaction Counts by Category and Type
- ▶ Monthly and Daily Transaction Amounts
- ▶ Correlation Heatmap of Transaction Categories

Key Takeaways

- ▶ Most transactions are low in amount (right-skewed)
- ▶ Sales and Purchases dominate transaction records
- ▶ Credit transactions outnumber Debits
- ▶ Monthly peaks suggest seasonality
- ▶ Correlation insights inform financial strategy