Steps

- 1. Data Cleaning
- 2. Financial Ratio
 - Liquidity Ratio
 - Current Ratio = Current Assets / Current Liabilities
 - Quick Ratio = (Current Assets Inventory) / Current Liabilities
 - Cash Ratio = (Cash + Cash Equivalents) / Current Liabilities or Current Assets / Total Liabilities
 - Solvency Ratio
 - ➤ Debt to Equity Ratio = Total Debt or Total Liabilities/ Total Equity
 - ➤ Debt to Assets Ratio = Total Debt or Total Liabilities/ Total Assets
 - ➤ Interest Coverage Ratio = (Earnings Before Interest and Taxes) EBIT / Interest Expense or (Gross Profit + Interest) / Total Assets
 - Profitability Ratio
 - Profit Margin = Net Income / Total Revenue or Net profit / Sales
 - ➤ Return on Assets (ROA) = Net Income / Total Assets
 - Return on Equity (ROE) = Net Income / Average Shareholders' Equity or [(Net profit / Sales) / (Equity / Total Assets)] * Sales / Total Assets
 - Efficiency Ratio
 - Inventory Turnover Ratio = Cost of Goods Sold / Average Inventory or Sales / Inventory
 - ➤ Accounts Receivable Turnover Ratio = Net Credit Sales / Average Accounts Receivable or Sales / Receivables
 - Asset Turnover Ratio = Net Sales / Average Total Assets or Total Sales / Total Assets
- 3. Descriptive Statistics
- 4. Correlation Analysis
- 5. Report