

Stock Market Analysis Project Plan

Questions to Answer

- 1. Which stocks have the highest average closing price?**
- 2. Which stocks have the most ups and downs in price?**
- 3. How do stock prices differ by industry (like technology or finance)?**
- 4. Is there a link between trading volume (how much stock is bought/sold) and price changes?**
- 5. How have technology stocks changed over time?**
- 6. Which countries trade the most stocks?**
- 7. Do dividends affect stock prices?**
- 8. What is the average trading volume for the top 10 stocks?**
- 9. How do stocks in the same industry perform differently?**
- 10. What happens to stock prices after a stock split?**

Graphs to Make

- 1. Line graph of average closing prices for the top 5 stocks over time**
- 2. Bar graph showing trading volume by industry**
- 3. Scatter plot showing the link between volume and price changes**
- 4. Box plot comparing price changes in different industries**
- 5. Line graph showing stock prices for one industry over time**
- 6. Heatmap to show relationships between stock prices by industry or country**
- 7. Histogram of dividend payouts for all stocks**
- 8. Pie chart of stocks grouped by country**
- 9. Line graph showing price trends after stock splits**
- 10. Stacked bar graph of closing prices grouped by industry and country**