

F.T.A.H.

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Historical daily prices and volumes of all U.S. stocks

Data we have:

1. Trading Date
2. Opening Price
3. Daily Price (High)
4. Daily Price (Low)
5. Closing Price
6. Volume Sold

Platform:

Web Application / Desktop Application

Programming Languages:

- JavaScript
- HTML
- CSS
- Python

Feature List (Question of Interest):

Important features:

1. *How does a stock's price change over a given period?*
2. *How does the volume of stock sold change over a given period?*
3. *What is the moving average for a stock over a given period?*
4. *What is the highest/lowest closing price over a given period?*
5. *Which stock has the largest margin over a given period?*

6. *What days had the largest increases or decreases in price? (Useful for correlating to real world events)*
7. *How did a specific stock's daily change compare to the market average change? (High or low performing stocks)*

Implement if we have time, because we need to use data outside of the database:

1. *How do real-world events affect stock prices?*
2. *What is the predicted opening and closing price of a stock?*
3. *What stocks are the best to trade for the day?*