
boolean-autocrats

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PROJECT PROPOSAL:

Airline Stocks Pre vs Post Pandemic

PROJECT DESCRIPTION

Looking at airline industry stock trends in the stock market Pre Covid (2016-2019) in comparison to Post Covid (2020-2022). By comparing trends we are looking to see what industries took a hit with Covid, and which airlines were able to recover.

RESEARCH QUESTIONS

1. How badly did Covid19 impact the airline industry? Line graph and histogram
2. How did the 'end' of Covid19 affect the Market Cap for the airlines - did it increase? Decrease? Pie graph and line graph
3. What do we anticipate for the future of these select airlines? Linear regression and double bar graph

DATASETS TO BE USED

1. Yahoo Finance

BREAKDOWN OF TASKS

1. Identify etfs for comparison
2. Find API data source (Yahoo Finance)
3. Call the API data source
4. Create dataframes
5. Pull out information
6. Chart the stuff
 - a. Market cap
 - i. Shares available * stock price
7. Interpret the data section
8. Based on our regression analyses, this stock did best.

9. Projections say this would be the best
 10. What is going to happen in the future best on post-pandemic trends
 11. Conclusion
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