

Brady Katler

## Financial Market Analysis of the Aerospace and Defense Industry

[Github Repository](#)

### Job Description

I found this job through a particularly kind and helpful professor in the ISBA department (not sure if you know him). Although this role does not appear to be heavily focused on SQL, there are absolutely other components of my skill set that would encompass such as making decisions with and modeling data.

### Problem and Data Sources

I plan to begin this project with an analysis on mid-large sized aerospace and defense stocks and looking at which companies have been the most successful across various industries (like drones, planes, etc). I will use this to see which future trends are the most promising and investments that could be made. I plan to make use of Alpha Vantage API by using its current and historical stock data to find trends in successful companies. From there, I will conduct a web scrape on my results to corroborate or investigate further (ex: products offerings in drone companies)

### Solution

My end goal is to use these data collection methods to create a general overview of successful trends in the industry and present them using bar graphs comparing various products and subsectors.