

## Project 2 NFL Fantasy Dashboard Proposal

- A brief articulation of your chosen topic and rationale

We are constructing a data visualization dashboard that will display NFL player stats based on user's interaction. The panel will include player profile, 2018 season summary, trends over time, and stats versus other top players in the same position. As fantasy football drafting season is approaching, we hope to provide participants an interactive tool where they can filter for player specific stats and information. Ultimately, allow people to choose their optimal team by reviewing the data from the dashboard.

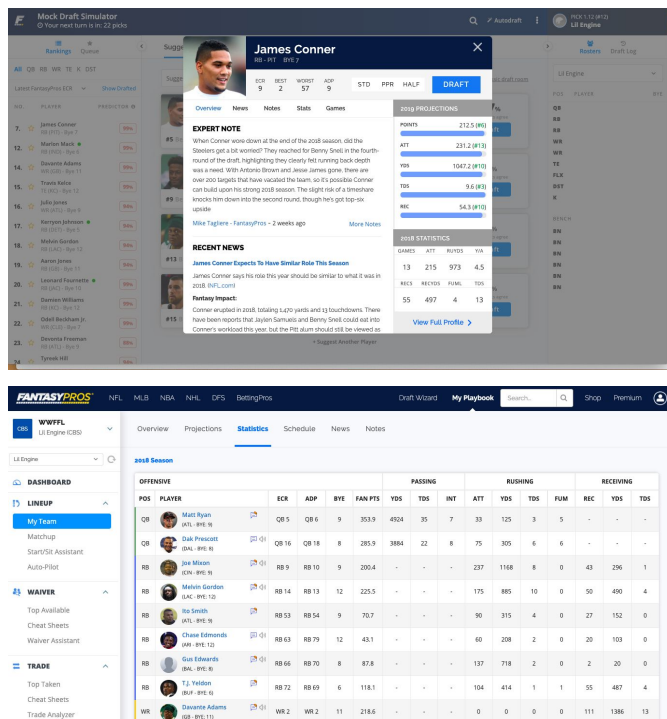
- A link to your data set(s) and a screenshot of the metadata if it exists.

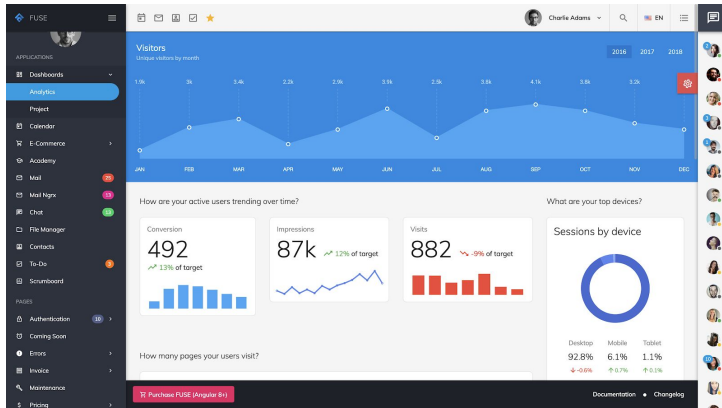
The main source data set will be a csv file that extracted from Kaggle.

[https://www.kaggle.com/maxhorowitz/nflplaybyplay2009to2016#NFL%20Play%20by%20Play%202009-2018%20\(v5\).csv](https://www.kaggle.com/maxhorowitz/nflplaybyplay2009to2016#NFL%20Play%20by%20Play%202009-2018%20(v5).csv)

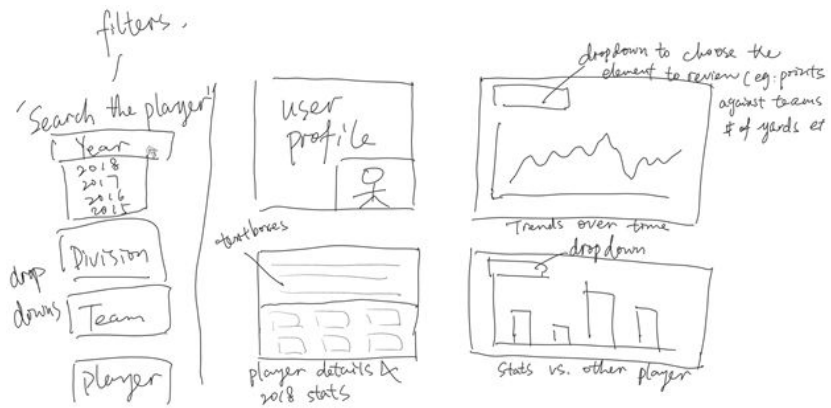
If time allows, we will also look into enriching our data through the NFL API for real time performance stats and player news/updates through web scraping of relevant sites. The NFL data source link is: <https://www.nfl.com/>.

- 3 or 4 screenshots of relevant, “inspiring” visualizations that frame your creative fodder





- A sketch of the final design



- A link to the primary GitHub repository you'll be housing your work in [https://github.com/NxLeung/NFL\\_Fantasy\\_Dashboard.git](https://github.com/NxLeung/NFL_Fantasy_Dashboard.git)