

Power for Mind & Soul

Abstract

This project is dedicated to reshaping the exploration of NFL player data [1]. Tailored for sports analysts and fantasy football managers, the goal is to deliver convenience through seamless data navigation and precise filtering through an interactive dashboard. In contrast to the static formats found on the ESPN [2] and NFL websites [3], this dynamic interface offers interactive visualizations, empowering users to effortlessly compare data. These comparisons can be used to draw quick conclusions about player performance.

Methodology

- **Import Data**: The data [1] used in this 1) project was found on Github. Specifically the CSV file for NFL offense data was used.
- **Connect to Data:** Connect to the data 2) source using Tableau [4].
- 3) **Construct Sheets:** Tableau is used to drag and drop dimensions and measures to construct each visualization.
- Add Filters: In each sheet, add filters 4) so that the user can set specific parameters on the dataset.
- Complete dashboard: Add sheets to 5) dashboard.

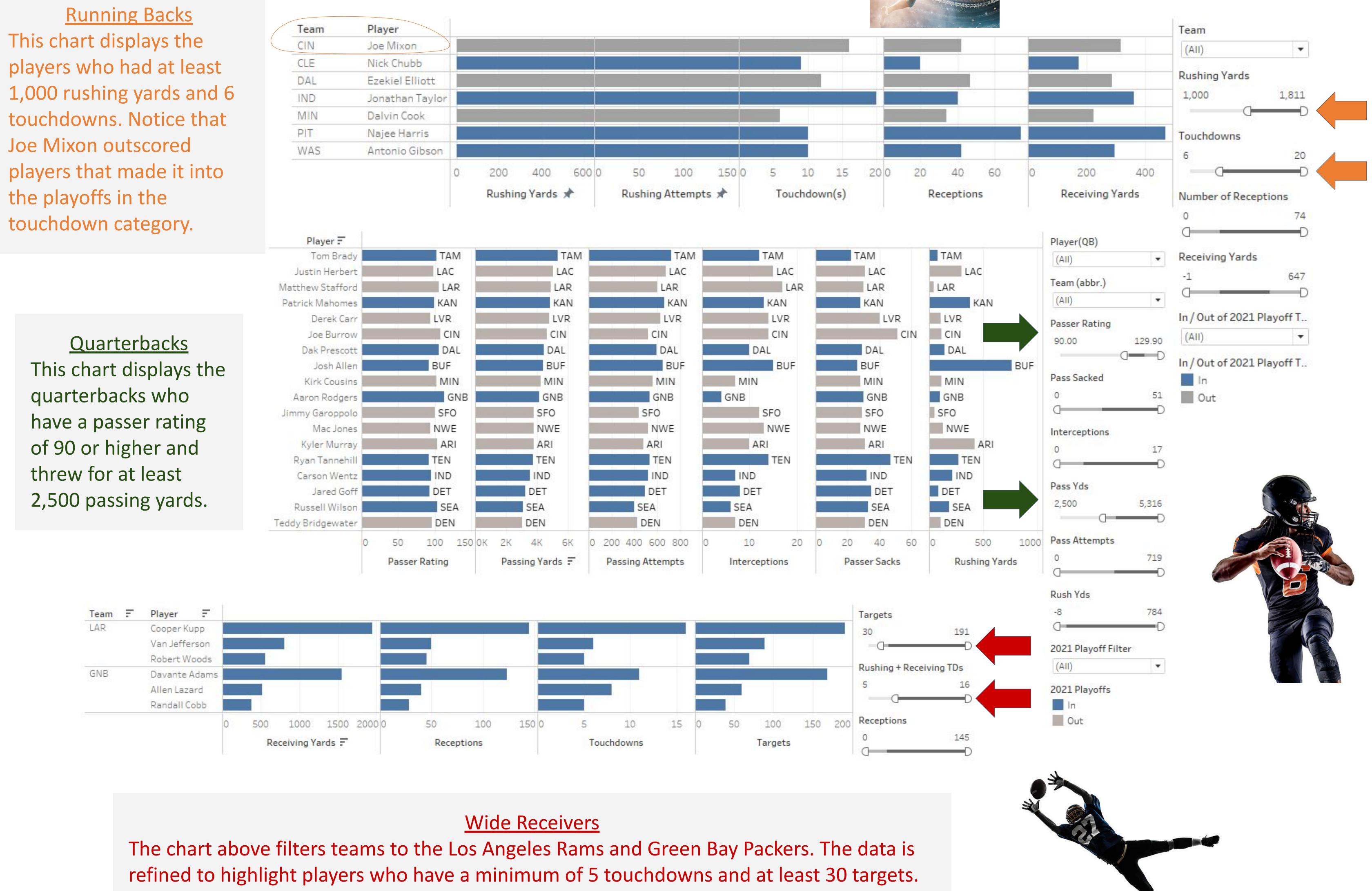


References:

- [1] <u>https://github.com/minhnguyen14797/nfl-2021-data-extraction</u>
- [2] <u>https://www.espn.com/nfl/stats/ /season/2021/seasontype/2</u>
- [3] <u>https://www.nfl.com/stats/player-stats/category/passing/2021/post/all/passingyards/desc</u> [4] <u>https://www.tableau.com/</u>

Visualizing NFL Player Metrics

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The ultimate goal is to include additional positions like tight ends, kickers, and defensive players for a more comprehensive analysis. Additionally, exploring week-by-week statistics will offer dynamic insights into player performance trends throughout the season. Our goal is to continually enhance the platform, making it an essential resource for sports analysts and fantasy football enthusiasts seeking deeper insights into NFL player statistics.



Future Work

Dashboard Here:

