



GETTING STARTED GUIDE

NFL Fantasy 2020 App

Overview

The data set we are working with is real data from the 2020 NFL regular season generated by the NFL and made available to the public via API and an R project called “nflfastr” (<https://github.com/mrcaseb/nflfastr>).

Whether a casual fan of football, an NFL analyst, or an avid fantasy football devotee, ThoughtSpot can provide you with an incredibly simple, yet incredibly powerful, way to analyze the world of professional football. A variety of statistics are now available through simple search, the same way you’d search for videos on YouTube or a new pair of socks on Amazon.

Granular NFL play-by-play data to give you that fantasy football edge, all accessible by search... it doesn’t get any better than this!

Search Keywords

Keywords are the building blocks of search. Combining keywords together lets you create whatever visualization you have in mind to *learn from the data and share your knowledge with others*. Below are a few search keywords that will help you get started.

player

The first and last name of an NFL player.

position

The abbreviated position of each player. The most relevant positions in the NFL data set include: QB, RB, WR, TE.

team	Use the team to either search for team statistics or to add the team as a dimension when searching player statistics.
rushing yards	Rushing yards should be used primarily with running backs, though quarterbacks and wide receivers may also put together some good rushing numbers.
receiving yards	Receiving yards should be used primarily with running backs and wide receivers.
passing yards	Passing yards should be used primarily with quarterbacks, though occasionally others will throw the ball.
combined yards	The sum of rushing yards and receiving yards. (Does not include passing yards).
rushing touchdowns	Like rushing yards, rushing touchdowns will be most applicable for running backs, but quarterbacks and wide receivers may also score rushing touchdowns.
receiving touchdowns	Like receiving yards, receiving touchdowns should also be used primarily with running backs and wide receivers.
passing touchdowns	Like passing yards, passing touchdowns should also be used primarily with quarterbacks, though occasionally others will throw the ball.
combined touchdowns	The sum of rushing touchdowns and receiving touchdowns. (Does not include passing touchdowns)
targets	The number of times a player has the ball thrown to him (whether a completion or not).
carries	The number of times a player handles the ball in a rushing attempt.
completions	The number of passes completed by the player passing the ball.
receptions	The number of times a player catches a ball thrown to him.
down	The down on which the play occurs.

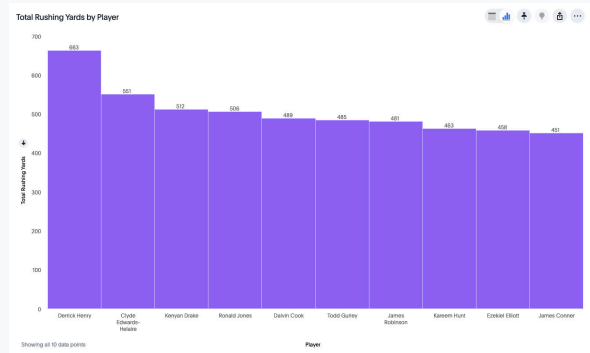
Search Examples

Combining the search keywords provided above into simple search phrases allows us to display this vast amount of NFL data as easy-to-understand, interactive visualizations.

Below are a few search examples to get you started analyzing the successes (and failures) of your favorite teams and players.

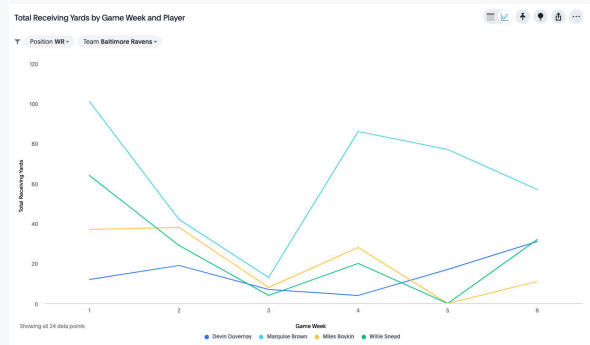
Top 10 Players by Total Rushing Yards

Q top 10 player by rushing yards



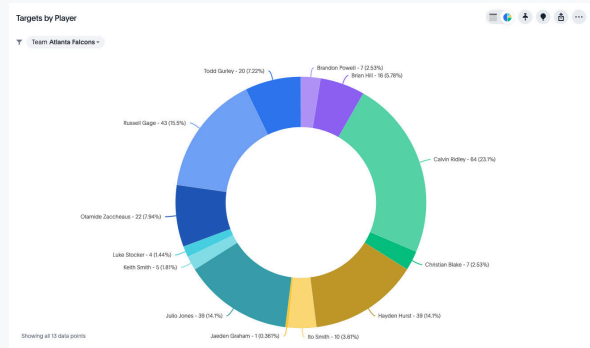
Baltimore Ravens Wide Receivers Receiving Yards Per Week

Q receiving yards by game week by player wr
baltimore ravens

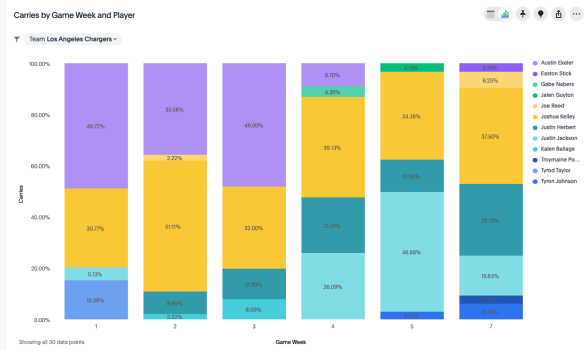


Atlanta Falcons Targets by Player

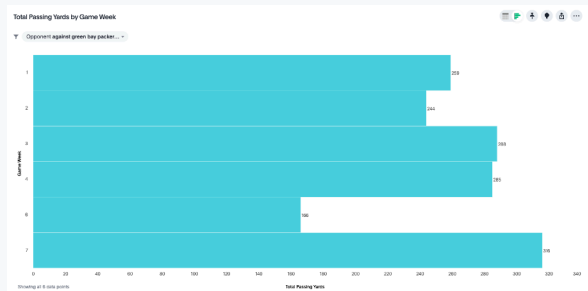
Q targets by player atlanta falcons



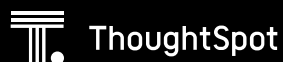
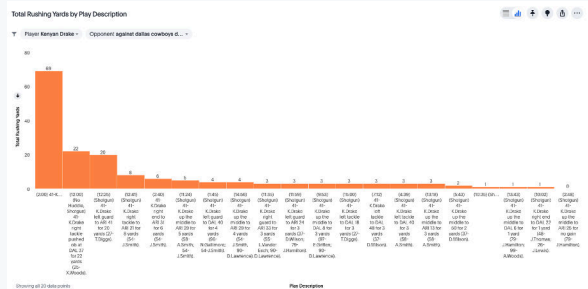
Los Angeles Chargers Carry Percentage by Player by Game Week



Passing Yards by Game Week the Against Green Bay Packers Defense



Rushing Plays by Kenyan Drake Against the Dallas Cowboys Defense



Insights at the speed of thought