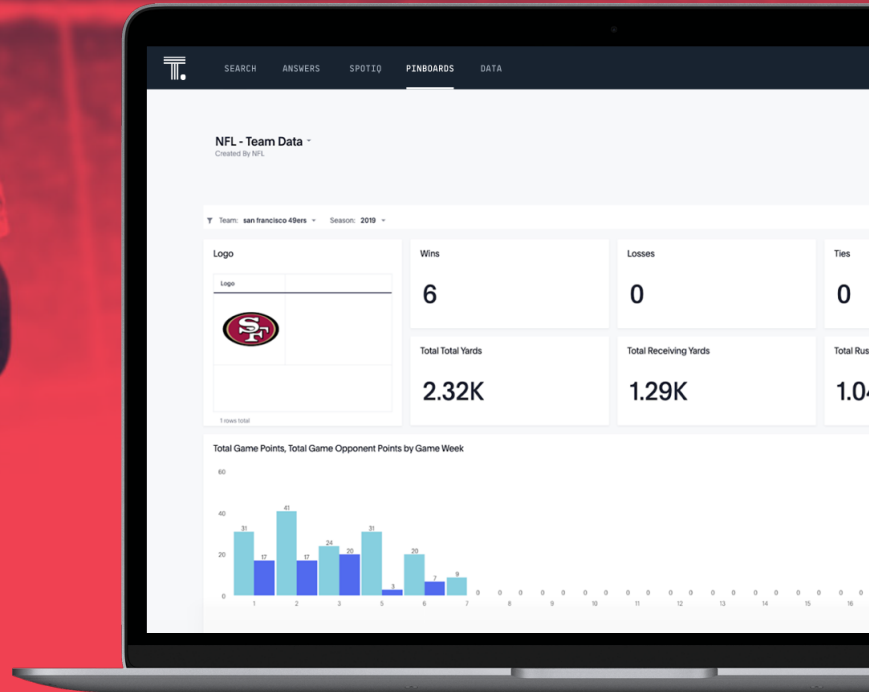


GETTING STARTED

# NFL DataSet



## Overview

The data set we are working with is real data from the 2018 and 2019 NFL regular seasons generated by the NFL and made available to the public via API and an R project called "nflscrapr" (<https://ryurko.github.io/nflscrapR-data>).

Whether a casual fan of football, an NFL analyst, or a rabid 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. And with pretty much every search you type, you'll receive some Instant Insights generated from our ThoughtSpot AI-engine, SpotIQ.

Granular NFL play-by-play data, accompanied by AI-driven insights, 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.

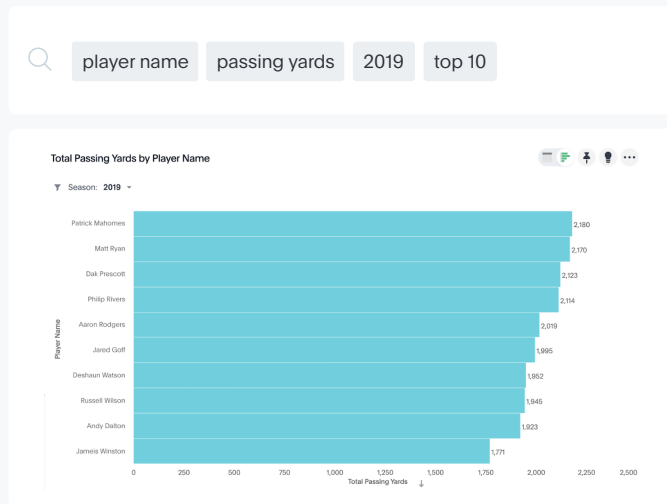
team	Use the team to either search for team statistics or to add the team as a dimension when searching player statistics.
game week	The week during the season in which a game is played (1-17). Every team has one bye week during the regular season.
game result	The end result of each game recorded as either "w" (win), "l" (loss), "t" (tie) or "na" (not yet played).
game quarter	The quarter during the game in which a play occurs. (Overtime is displayed as "5").
down	The down on which a play occurs.
player name	The first and last name of an NFL player.
player position	The position of an NFL player. Positions include: CB, DB, DE, DT, FB, FS, ILB, K, LB, MLB, NT, OLB, P, QB, RB, SAF, SS, TE, WR.
passing yards	Passing yards should be used primarily with quarterbacks, though occasionally others will throw the ball.
passing touchdowns	Like passing yards, passing touchdowns should also be used primarily with quarterbacks, though occasionally others will throw the ball.
receiving yards	Receiving yards should be used primarily with running backs and wide receivers.
receiving touchdowns	Like receiving yards, receiving touchdowns should also be used primarily with running backs and wide receivers.
targets	The number of times a player has the ball thrown to him (whether a completion or not).
receptions	The number of times a player catches a ball thrown to him (i.e., a completion).
rushing yards	Rushing yards should be used primarily with running backs, though quarterbacks and wide receivers may also put together some good rushing numbers.
rushing touchdowns	Like rushing yards, rushing touchdowns will be most applicable for running backs, but quarterbacks and wide receivers may also score rushing touchdowns.
total tackles	The sum of solo and assisted tackles for defensive players.

# 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 Passing Yards in 2019



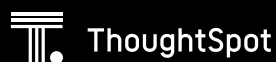
## Passing Yards by Week through 6 Weeks for Patrick Mahomes Versus Tom Brady in 2019



## Players Rushing Yards by Rushing Touchdowns through 6 Weeks in 2019



## Targets and Receptions by Quarter for Michael Thomas in 2019



Insights at the Speed of Thought

www.thoughtspot.com  
(800) 508 - 7008