NFL Data + Other Data Sources

<https://www.kaggle.com/datasets/tobycrabtree/nfl-scores-and-betting-data?resource=download>

Files:

nfl\_stadiums.csv - NFL Stadium data for all stadiums played at from 1967 to present

nfl\_teams.csv - NFL Team data for all teams who played from 1967 to present

* Team name, conference, and division

spreadspoke\_scores.csv - historical scores, spread, and simple weather data for games 1967 to present

NFL Weather Data

<https://github.com/Nolanole/NFL-Weather-Project>

Files:

all\_games\_weather.csv - in depth weather and stadium data for games 1980-2018

game\_logs\_qb.csv - QB stats for games 1970-2016

game\_logs\_rb.csv - RB stats for games 1970-2016

game\_logs\_wr\_te.csv - WR and TE stats for games 1970-2016

PFR

<https://www.pro-football-reference.com/>

<https://pypi.org/project/pro-football-reference-web-scraper/>

Scraping PFR Policy:

“Currently we will block users sending requests to:

* our sites more often than twenty requests in a minute.
* This is regardless of bot type and construction and pages accessed.
* If you violate this rule your session will be in jail for an hour.”

This is an option!

NFL Odds Data

<https://www.aussportsbetting.com/data/historical-nfl-results-and-odds-data/>

nfl.csv - in depth betting odds data from 2006-present

NFL Betting Market Analysis

<https://github.com/jp-wright/nfl_betting_market_analysis?tab=readme-ov-file#dataset>

“I set dome-game temperatures to 67° F, no wind, and no humidity.”

“Wind chill was also calculated for each game with a temperature below 50° F using the modern formula of 35.74 + (0.6215 \* Temp) - (35.75 \* Wind0.16) + (0.4275 \* Temp \* Wind0.16).”

Able to create a model which won ~$30 per bet in paper betting testing