READ\_ME

‘pbp-2019.csv’ is play by play data for the 2019 NFL season. The .csv is read into ‘test 6.py’ as a data frame.

‘pbp-2019\_v2.csv’ is a version of ‘pbp-2019.csv’ that was cleansed by another user. ‘test 6.py’ attempts to do so but there’s still work to be done.

The ultimate goal of the pbp cleansing is to calculate:

(i) expected points by play,

(ii) win probability by play

(iii) expected points added by player

(iv) player market share (i.e. player utilization rate by carries/targets)

Sure there’s more . . .

‘nfl v11.py’ connects to the nflgame API and pulls player data by game. I’ve since learned that nflscrapR, not nflgame, is the go-to API for player stats and profile data. Woof city