fantasyProjections

Source code available at: https://github.com/kevniu95/fantasyProjections

1. My Projections Comparison

As of 10/04/2022:

1. My Projections R^2: 0.459
2. ESPN Projections R^2: 0.484
3. Baseline R^2: 0.370

- Baseline projections are regression based on average draft position alone

2. How projections are generated

Run "src" files in the following order:

1. **import_data.ipynb** (imports data from various sources)
2. **prepRegSets.ipynb** (prepares datasets for models)
3. **predict.ipynb** (tests and evaluates various models)

comparison.ipynb runs the comparison between the model projections and ESPN's 2022 projections using prorated data to this point in the season.

3. Use Draft Tool

Draft tool can be found in the file "projections2022.xlsx"

How to use

- Assuming ten-team league and snake draft, update cell AI3 with your first pick in snake draft
- Columns "R - AF" indicate each player's value in indicated round.
    - For instance, from cell R3, we can see Chrisitan McCaffery is "worth" 25.2 points in round 1 based on my player projections
    - He would be "worth" 34.5 points if he was still available in the round 2.
    - *Note these values will change as the value in AI3 changes*
- Drafted players should be marked with a 1 in column P
- In any given round *i*, best available player is the player with the highest value in column corresponding to round *i* (out of columns R - AF)

Values in columns R - AF are the expected points scored of *this* player taken in this round less the *expected points of player at this position selected in the next round*

Does it work?

Team drafted according to projections and tool (described below)

- Team Niu - https://fantasy.espn.com/football/league/standings?leagueId=1458708918

- Click "PF" under **Season Stats** section to sort by points scored
- Currently **1st** in league of 10 in points scored