End Result:

Based off many measurables: can classity

- · Combine results
- · College production

- Hard to determine career "success" when late round picks

Hard to evaluate 'success' w/ respond to career length. solution: only evaluate based off routrie contracts

Issue: Pro-Day numbers are generally higher.

- can lower the weight for Rro-Day manufacts

Isive Basic stats (1e. rec yards, 70s, receptions) are heavily usage/scheme dependent. Solution. Normalize.

- · Something like: Target share (Rec/ OB completions) > measures usage '
 Line I'm The class (The Cop File high us low volume pass catcher
- . Something like! TD share (TOS/QD TUS

 OF TURL OFFORME TUS) & usage
- · Samething like! Normalized yards (normalized on equal # of pass attempts) > production
- · South for YAC?? Hard without data an spoils refrence

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ML: Using sci fit - learn
                                    K-neurst neighbors
            1. Split data into training & test. Stratify by what class!
                                        -> Class: some sort of subjective production
        3. Parameter coid: finding K value to use
        4. Grid Search (V > estimate accoracy for range of K values.

> pass pipeline & parameter grid as arguments
        5. Execute grid search > passing training data into . Pit of Gridsearch CV
        6. Pick K- value that yields high cross-validation according estimate
       7. Create sew model For selected K-valve. Retrain classifier
       8. Evaluate estimated accorney / precision/ recall
* And # permotors variables that minimize RMSE.
Example of classifying a player:
                                          Why? . 4 NFL seasons
                                               · full collegiate stats
                                                      Hand Size
Missing Data: 3-cone, 20-yd shuttle
                      Tuget share
                                      TO share
                                                   vards/ 30 attempts
                                                   868.88 FOR
                         65/ 349260
                                       11/42
                                                     1, 290.5
```

yds/ 30 ar attempts: For chample, Cecles's JR sesson: he had 1,377 rec yards, but his QB Jalen Hurts threw 340 passes in 14 games for 24.28 attempts per game. -> 30/24.28 : 1.235, the amount multiply (cooled yards by 13770 1.235 = Can maga CD combine & CD stats to get CD-profile. There can - Now, andvate Cooler's 4-year NFL career: - very subjective, but things like stats, PAF rather, and modden ratings help. Also pro-footall-reference AV Cappion. Cedee Madden ratings (end of year): · average is not felling crough 100/12: some sort of weighted aug? Colling avg. Ceebee PFR AV (approx. valve) to standarize rating of AV. Of course, this part is just for now and give Coolea a cover rating of:

classifier of success

Thus, can lest the model accoracy by seeing if:

CO- profile will have a