

Finding Franchise Players

Data Mining Project

College Athletes and the Draft

- **Eligibility is verified:** The NFL reviews and confirms each applicant's educational/participation history before the draft pool is finalized.
- **Get evaluated:** Prospects showcase at college all-star games, the NFL Scouting Combine, and school pro days; teams conduct interviews, medicals, and film-based scouting to stack their draft boards .
- **Get picked (or signed):** Teams select players across seven rounds; undrafted players can sign as free agents and compete for roster spots.

Problem:

Where can you find franchise players in the draft?

Some teams like the cowboys have an incredible record of drafting Hall of Famers, All-Pros, and Pro-Bowlers and making less big blockbuster trades or relying on free agency to pickup key franchise players. This looks into where some of the best players in the league get drafted and how that connects to past draft strategies.

Data Introduction

NFL 100, All-Pro Teams, and AV

- The NFL 100 is a list of the 100 best players that is created at the beginning of each league voted on by active players on every team.
- The All-Pro team is an annual honor recognizing the best NFL players at each position for a given season. It's not a league-run team or an exhibition game—it's a set of selections published by media organizations, most notably the Associated Press (AP).
- AV on Pro-Football-Reference stands for Approximate Value. It's a single-number metric PFR created to estimate a player's overall seasonal (and career) value so you can roughly compare players across positions and eras. It's meant as a broad, "good-enough" comparison tool—not a definitive measure of greatness.

Visuals

- Tables to show the percentage of a position drafted in each round that becomes a NFL 100 player
- Charts to show the groups of positions drafted
- Heat map of draft combine stats

Analysis and Findings

- Im hoping to setup the finding to hopefully find some patterns that can show some positions that may be able to draft out of the first round.
- I think a lot of the findings will show QB's and WR to be heavily first rounders.
- Finding value late in the draft is a big mission of a lot of teams like the cowboys 2022 season drafted high end starters at every round which is incredibly impressive