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DSC 101

2nd Sprint Review

In our first review, we introduced the concept of ranking NFL defenses and comparing them against each other. The uncertainty of whether we would combine different NFL seasons to see what the greatest defense ever has been cleared up in this way; the style of football has changed, as well as some analytics not being available for the earlier years, so we have decided to just stick to a season by season analysis. The data we have found for these analytics will be imported into R, and we will turn the averages into graphs to easily represent the success, and lack thereof, of NFL defenses.

We still have some difficulty choosing what variables of a defense are the most important statistics to determine the most efficient defense, but we have started to lean more towards yards allowed, points scored, turnovers created, and QB pressures are all stats that seem to be the most important to the success of defenses in the league. Taking these stats from a PDF to R will automatically rank these averages, which we will then give each defense an overall score that combines these rankings of averages. This will then show us what defense has been the most efficient.