

Raiders Offensive Review Dashboard Breakdown

Using these analytics, the Las Vegas Raiders can continue their commitment to excellence in their pursuit of a 2024 Super Bowl

Usage

The dashboard is straightforward to manipulate. The “Yard Type” and “Head Coach” filters in the top left will alter to two primary visualizations – the weekly “Total Yards” and the player “Yard Breakdown”. Additionally, selecting a “Week” bar will show the breakdown by player to the right. The “Season Totals” and “QB Season Totals” visualizations on the bottom of the dashboard are not customizable. Hovering over any aspect of all four graphs will provide additional information and context regarding the data being shown.

Reasons

The Raiders had a peculiar season by all accounts in 2023. There were multiple starting quarterbacks and a coach/gm firing in the middle of the season. This led to a second place finish in the division but a missed playoff berth with an 8-9 record. The general consensus with the Raiders looking to 2024 is that the defense is in a good spot and the offense needs the majority of the work. Additionally the offense lost some important pieces. I made this dashboard as a guide of last year's trends to aid in the installation of a new coaching staff and their offense, as well as being able to focus on certain offseason personnel decisions.

Insights

The most noteworthy insights come from comparing rushing vs receiving as well as the distribution of yards by player. It is worth noting the comparison before and after the coaching change. Most importantly however, is looking at what helped, and what will help win football games. While there are many factors that contribute to winning and losing games, this data can provide useful trends that lead to wins last year that we can focus on for this upcoming season.

Data Cleaning

I did not need to clean the data very much prior to creating these visualizations. I tinkered within the data source and excel sheet to rename different columns so that it was easier for me to build the individual worksheets. Before working with the data in Tableau I filtered out the Raiders and then removed all players who did not have an offensive yard (passing, rushing, receiving) in an effort to simplify the dataset. Additionally, I created a handful of calculated fields such as the game result, head coach, and yard type variations as I went about building the various visualizations as needed.