Offense Evaluated as a whole.xlsx file:

This Excel workbook contains two sheets. The first sheet contains the majority and foundation of the data detailing the offense's stats on a per drive and per game basis over the entire season. It also has charts and graphs I created using the data to show visualizations to help people understand how well or bad the offense functions given how many yards or points were gained per play, per drive, and or per game, and also helps to show how the offense tends to function on the field with their tendency to run or pass the ball for each game. The second sheet has a table I created along with graphs to show how points scored were correlated with how many pass plays or run plays were called per game.

wrsrbtes.xlsx file:

This Excel workbook has one sheet. This sheet was all user inputted data along with calculated columns I created for more advanced stats. This data table I created was keeping a record and account of every Running back (RB), Tight End (TE), and Wide Receiver's (WR) individual receiving stats for each game on the season. You could use this file to create graphs and pull information that would help you see things like how a player progresses or regresses up and down throughout the season, what matchups against teams maybe were good for receiving wise for a player or a bad matchup for them, how efficient certain players were each game and throughout the season, and etc

wrsrbstesinsixgameswithgraphsAJJ.xlsx file:

This Excel workbook contains five sheets. The first sheet contains a similar or the exact same table of data I created from the wrsrbtes.xlsx file. The second sheet is visualizations showing where the percentage of Yards after the Catch (YAC) is coming from each player in the offense in the passing game per game on the season and how the average YAC each player in the offense in the passing game had per game on the season. The third sheet contains a pie chat that shows average YAC for each player per play per game on the season and that value as a percentage as well. The fourth sheet has a pivot table detailing the total number of receiving yards per game and catches per game for every game for each receiver throughout the entire season. Using this data I also pulled a specific players stats and created two visualizations. One shows the tracking of how many receiver yards per game over the season Payton had which could help track his progression or help identify games to further look into why he had a good or rough looking time at least stat wise. The second visualization was a regression analysis graph to attempt to see if a correlation existed between how many catches per game Payton had on the season and how many receiving yards he garnered each game on the season.

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