Fantasy Football Auction Draft Budget Project Objectives:

1. Find preseason player rankings for the past 10 years (2011-2020) for the number of players expected to be drafted in my league (my league has 12 teams which are expected to have an average of 2.5 QBs, 4.5 RBs, 7 WRs, and 3 TEs per team, so in total 30 QBs, 52 RBs, 84 WRs, and 36 TEs).
2. Find the actual points produced by these players that season. (My league is half point ppr)
3. Determine the points produced by replacement (i.e. the n+1 player in each position group) and subtract all points produced by the replacement value (if less than 0 set value to 0). Now these lists contain the points above replacement for each preseason position ranking.
4. Sum up these values to get the total available points and divide by the total available money. (My league has 12 teams with 200 dollars per team for a total of 1200 dollars) to arrive at a points per dollar ratio.
5. Multiply each list of points above replacement by the points per dollar ratio to determine how much should have been spent on each position ranking.
6. Average all lists for the years 2011-2020 to get how much should have been spent on each position ranking which will provide a general guide for how much should be spent on players.
7. Export this list into an excel sheet that is readable on draft day.
8. Win your fantasy football league because you have a superior draft strategy.