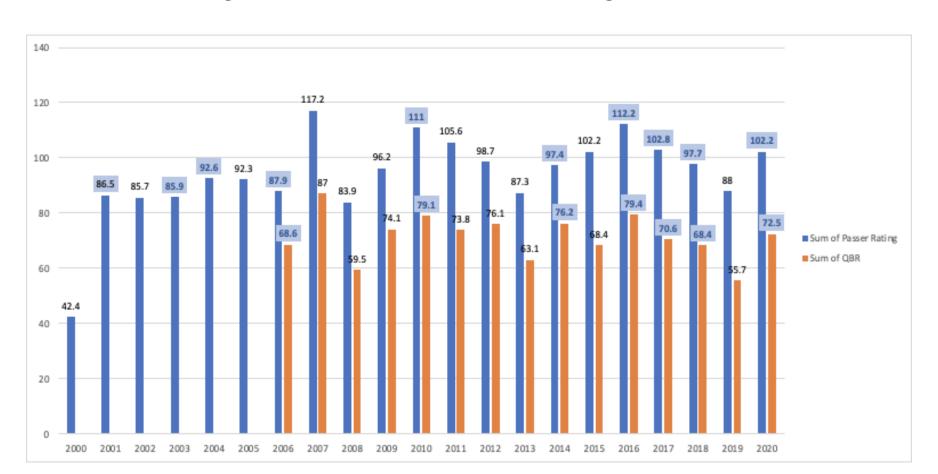
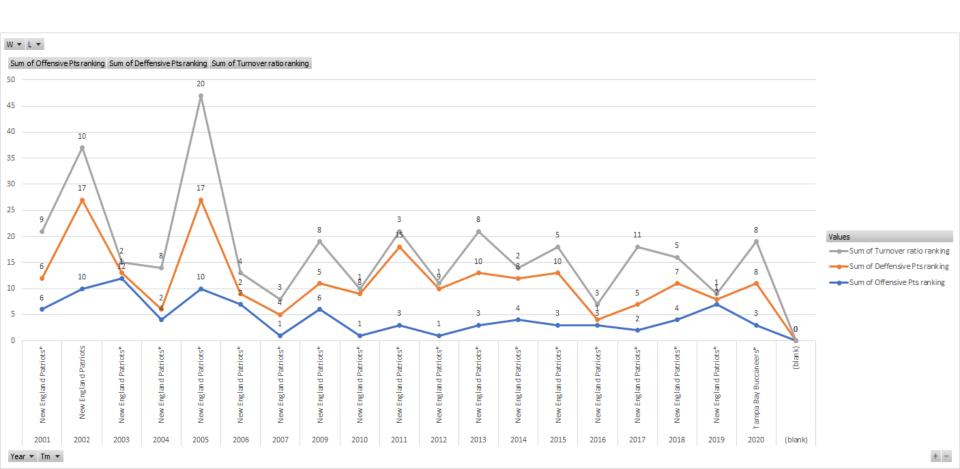


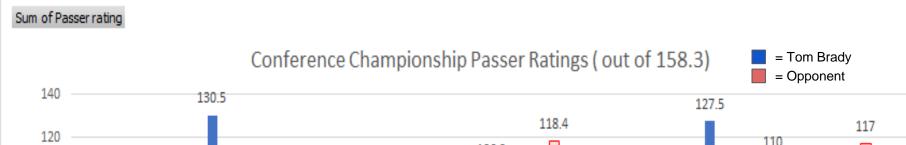
Regular Season Passer Rating and QBR

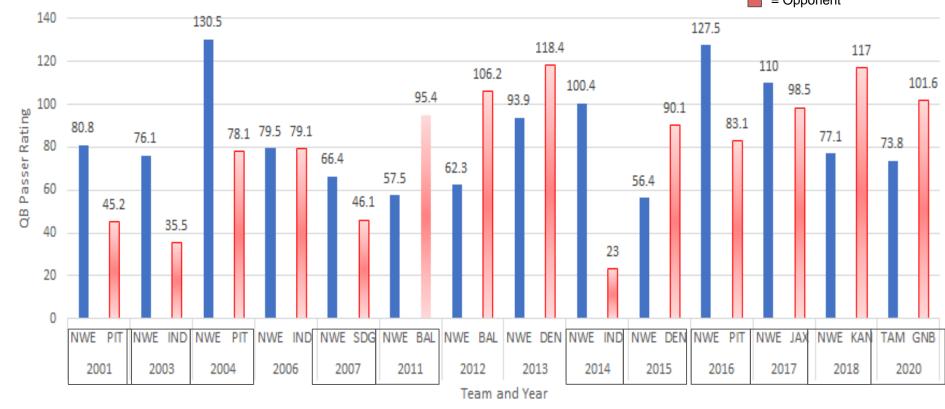


Regular Season Team Rankings

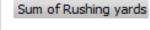


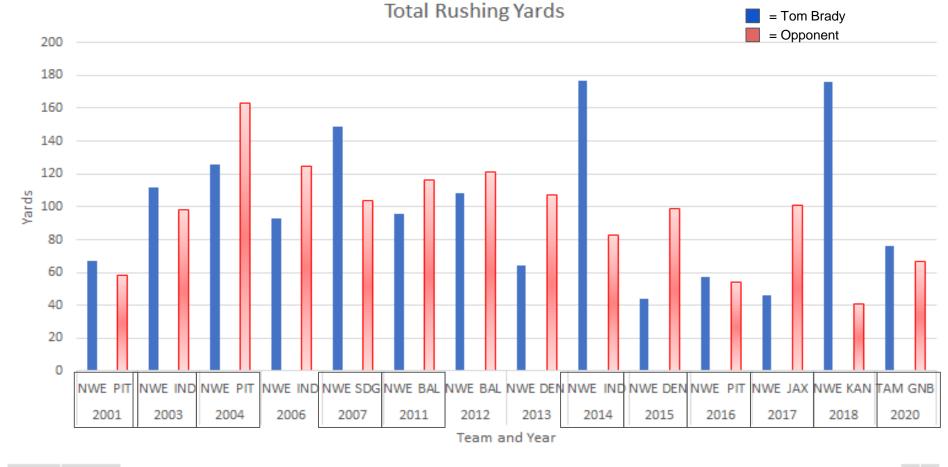


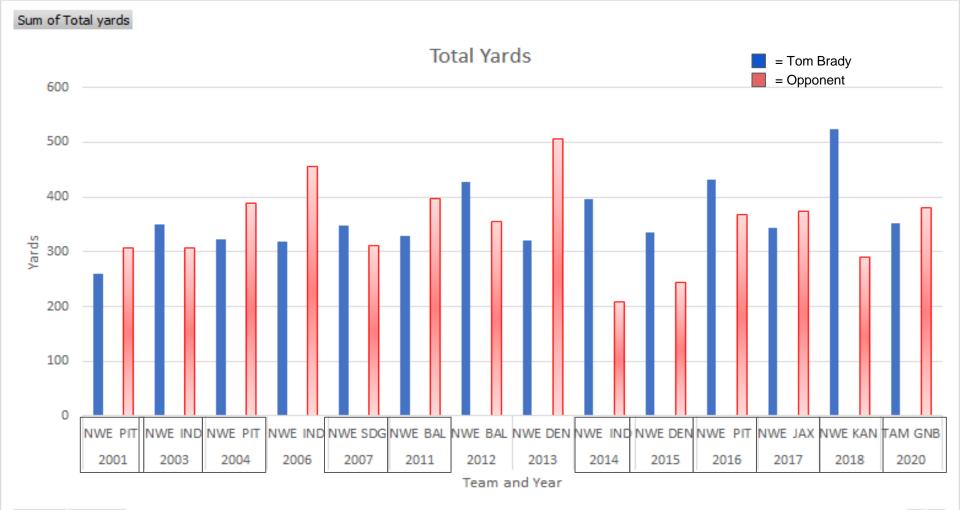




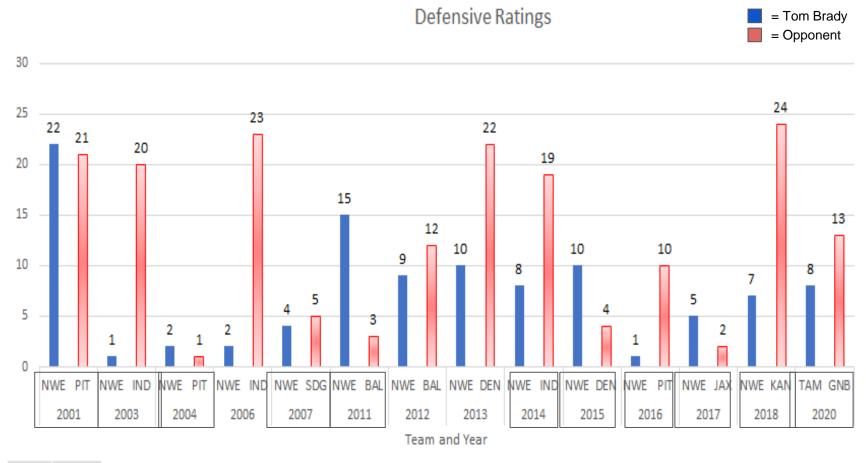


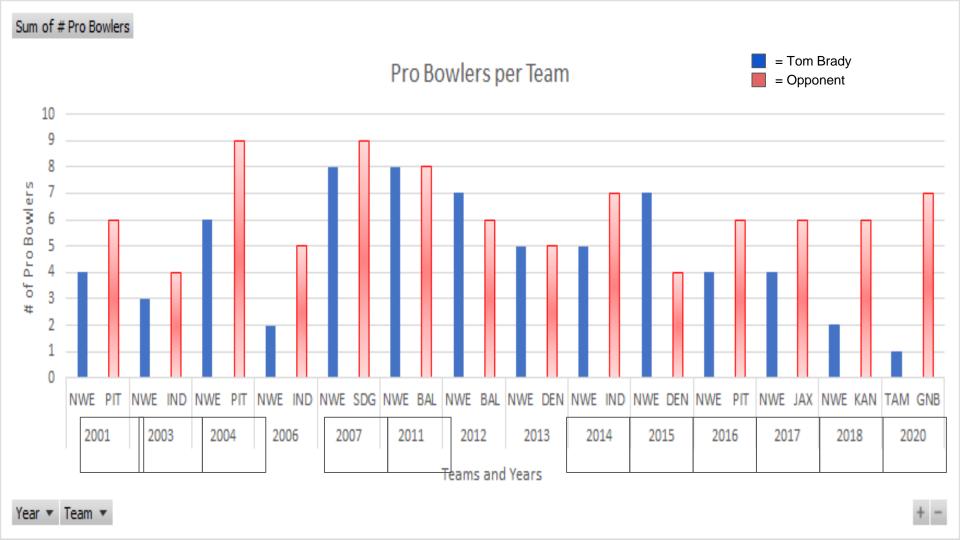












Conference Championship Summary

Tom Brady Wins	260.36	86.95	1.27	102.36	1.45	8.10	4.22	4.73
Tom Brady Losses	267.33	78.57	1.00	88.33	0.67	7.00	3.67	4.67
Opponent Losses	235.55	73.96	1.55	89.45	0.73	12.10	6.33	6.55
Opponent Wins	321.67	101.23	0.33	117.67	1.00	19.00	4.33	5.33

Rushing Yards 🔻

▼ Passing Yards ▼ Passer Rating ▼ Interceptions ▼

Result

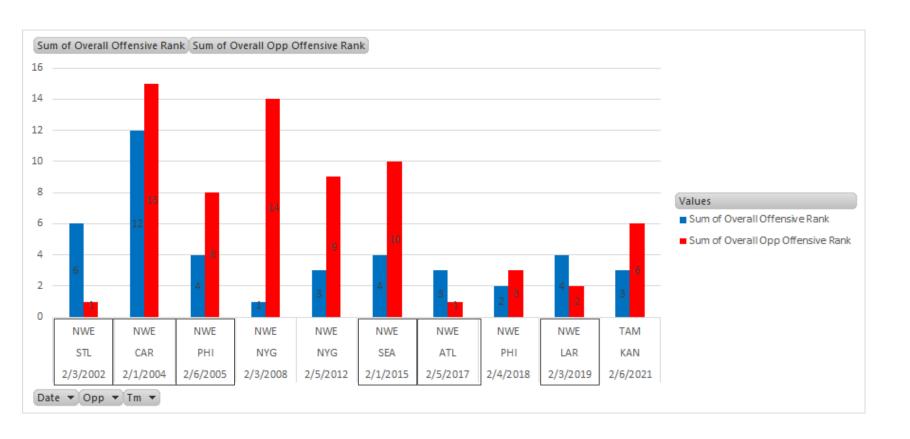
Rushing TDs

Defensive Rating V Offensive Rating V

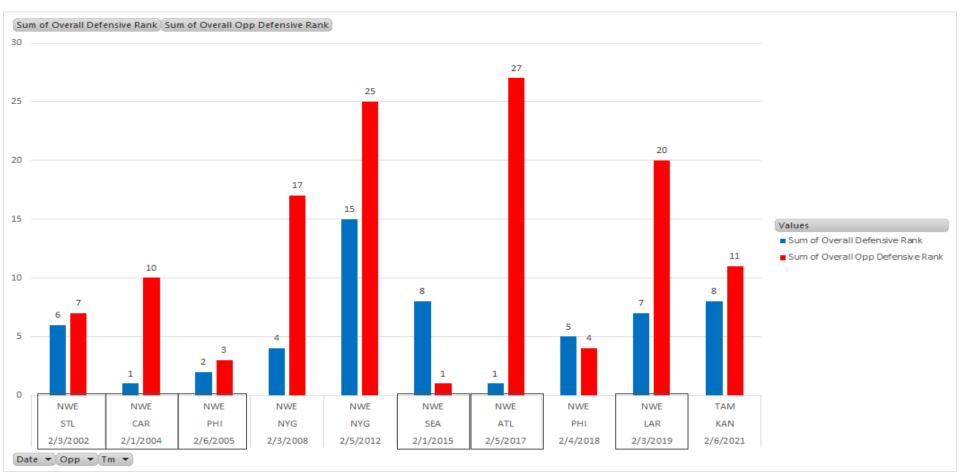
Pro Bowlers

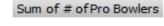


Super Bowl Offensive Rating vs Opponent

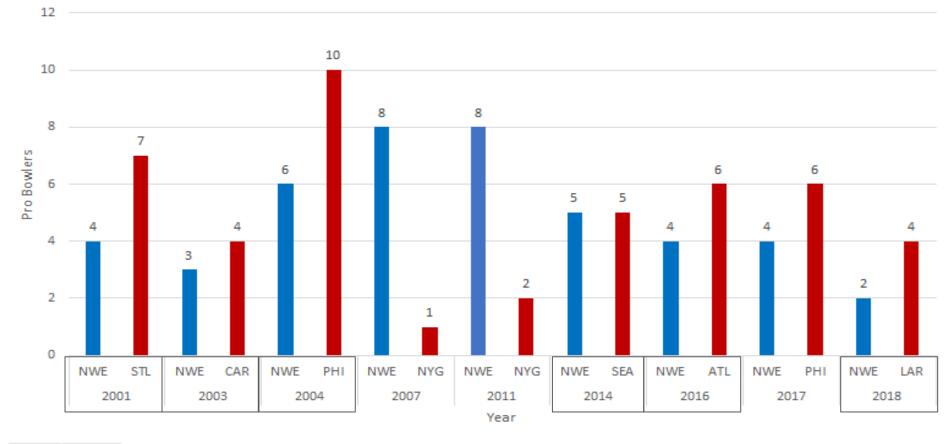


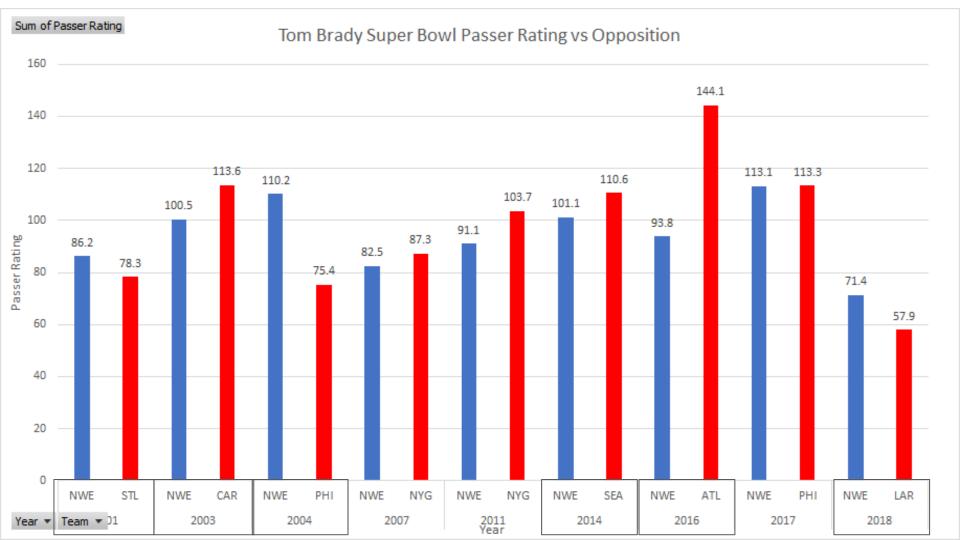
Super Bowl Defensive Rating vs Opponent





Pro Bowlers on Tom Brady's Team vs Opposition





Super Bowl Summary

Result	~	Passing Yards	T	Passer Rating 💌	Rushing Touchdowns 🔻	Rushing Yards	Interceptions <a> 	Turnovers	Pro Bowlers 💌
Tom Brady win average		287.0	00	93.87	0.83	114.50	0.83	0.86	4.00
Tom Brady loss average		331.6	57	95.57	0.67	80.33	0.33	1.00	6.67
Opponent loss average		271.3	3	96.65	0.67	92.50	1.17	1.57	6.00
Opponent win average		301.0	00	101.43	0.67	123.00	0.67	0.67	3.00
Kansas City 2020 averag	ge	316.0	00	108.20	0.81	112.40	0.38	0.63	7.00

Bonus: Super Bowl Projection

 Vegas odds have only predicted the Super Bowl winner correctly in 3 out of the last 10 Super Bowls.

Vegas odds currently predict the Kansas City Chiefs to win by 3 points

Our Super Bowl Prediction is for the Kansas City Chiefs to win.



Data from Pro Football Reference

- CSV and Excel files
- Championship and Super Bowl
- Ratings, yards, touchdowns

```
Out[3]: 'Championship QB data.csv'
 In [7]: 1 champ df=pd.read csv(championship csv)
         2 qb df=pd.read csv(qb csv)
         3 # champ df
         4 # qb_df
 In [8]: 1 championship stats df=pd.merge(champ df,qb df, on="Result",how="outer")
 In [9]: 1 championship stats df.columns
Out[9]: Index(['Tm_x', 'Year', 'Unnamed: 2_x', 'Opp_x', 'Result', 'OT_x',
               'Rushing yards', 'Rusing TDs', 'Tm y', 'Year?', 'Unnamed: 2 y', 'Opp y',
              'OT y', 'Pass completions', 'Pass completetions',
              'Pass completion percent', 'Passing vards', 'Passing TDs',
              'Intercetions', 'Passer rating'],
             dtype='object')
In [12]: 1 champ_df=championship_stats_df.drop(['Tm_y', 'Year?', 'Unnamed: 2_y', 'Opp_y','OT_y'],axis=1)
In [14]: 1 champ stats=championship stats df.rename(columns=
                                               ('Tm x':'Teamn',
                                               'Unnamed: 2_x':'@',
                                               'Opp x': 'Opponent',
                                               'OT x':'Overtime'
In [15]: 1 champ_df=champ_stats.drop(['Overtime','Tm_y', 'Year?', 'Unnamed: 2_y', 'Opp_y','OT_y'],axis=1)
In [16]: 1 champ_df=champ_df.fillna(0)
champ_df["Defensive Rating"]="0","13","8","24","7","2","5","1","10","4","10","19","8","22","10","9","12","15","3","4","5",
In [42]: 1 champ df
          champ_df.to_csv('champ.csv')
```

