Project StoryBoard

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Description of the tool(s) that will be used to create the final dashboard

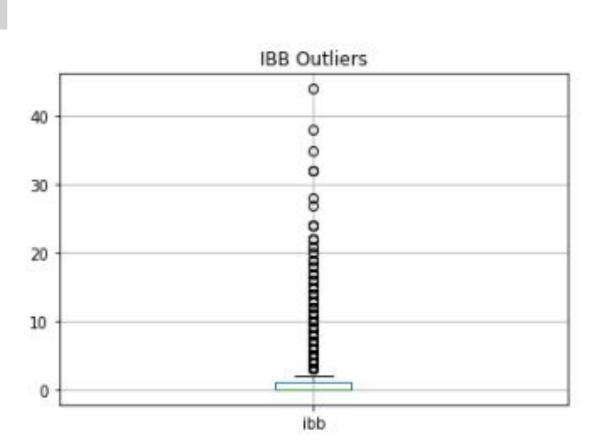
- Our final Dashboard will be created through the use of Tableau.
- We will be using Tableau to generate the dashboard from our dataset and machine learning model. We will display this dashboard on a website that is accessible by all via a url.
- The final dashboard will include the following visualizations in addition to many more.

Description of interactive element(s)

- Team as a selectable filter that transforms the dataset to fit your search criteria
- Number of ab's (at bats) feature that allows you to select from 4 clusters
 - 0-50 ab's, 51-100 abs, 101 200 abs, 201 300, 301 + (tbd based on clustered visualization analysis to determine the best clusters)
- Interactive Legend that displays what the statistics in the dataset represent

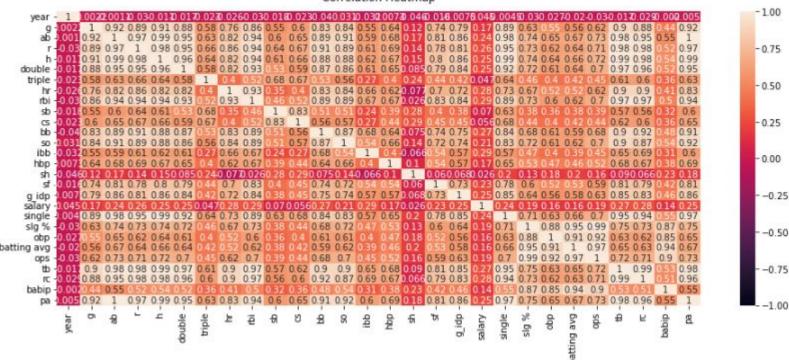
Correlation to Salary

salary -	1	-1.00
rbi -	0.29	
ibb -	0.29	
hr -	0.28	- 0.75
rc -	0.28	
bb -	0.27	
tb -	0.27	The same of the sa
1-	0.26	- 0.50
g_idp -	0.25	
h-	0.25	
double -	0.25	- 0.25
pa -	0.25	A Section
ab -	0.24	
single -	0.24	
sf -	0.23	- 0.00
50 -	0.21	
sig % -	0.19	
ops -	0.19	0.25
9-	0.17	5.000.00
hbp -	0.17	
batting avg -	0.16	
obp -	0.16	0.50
babip -	0.14	
sb -	0.07	
cs -	0.056	0.75
triple -	0.047	
year -	0.045	
sh -	0.026	1.00
444	salary	
	0.23	



Correlation heatmap to show the significance of each statistical category to one another

Correlation Heatmap



Team Correlation to Salary

	leam Correlation to Salary	
salary -	1	- 1.00
team_NYA	0.17	
team_PHI -	0.083	_
team_BOS -	0.063	0.75
team DET -	0.053	- 0.75
team LAN -	0.052	
team LAA -	0.042	
team_CHN -	0.03	The second second
team SFN -	0.028	- 0.50
team CHA -	0.019	
team NYN -	0.0065	
team_SLN -	0.0034	The second second
team TEX -	-0.0031	- 0.25
team ATL -	-0.0063	
team SEA -	-0.01	
team_CIN -	-0.011	
team MIN -	-0.011	- 0.00
team MIL -	-0.012	
team BAL -	-0.016	100
team TOR -	-0.017	
team WAS -	-0.019	0.25
team_COL -	-0.022	
team MIA -	-0.029	
team_ARI -	-0.03	0.50
team_HOU -	-0.036	0.50
team CLE -	-0.042	
team KCA -	-0.043	
team FLO -	-0.046	0.77
team_TBA -	-0.047	0.75
team OAK -	-0.054	
team_PIT -	-0.057	
team_SDN -	-0.062	1.00
(=4) ()		1.00

salary