Project StoryBoard

By Charles Lascano, David Wiers, Jose Currea and Peyton Arana

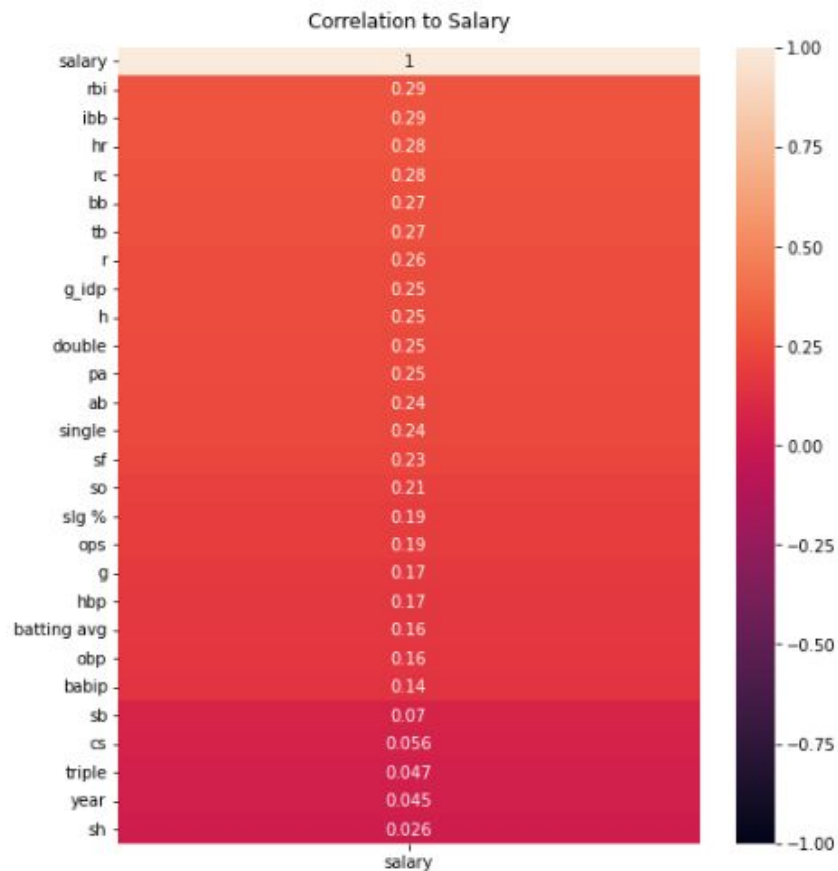# Description of the tool(s) that will be used to create the final dashboard

- 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.
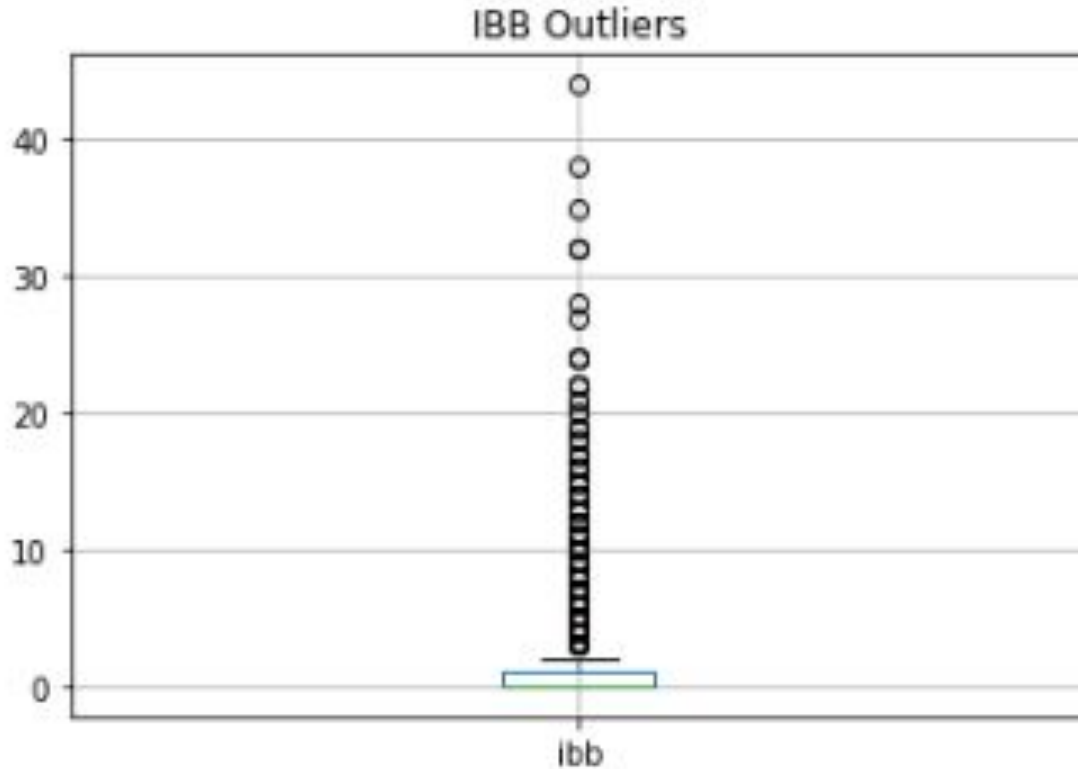
Description of interactive element(s)

- 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

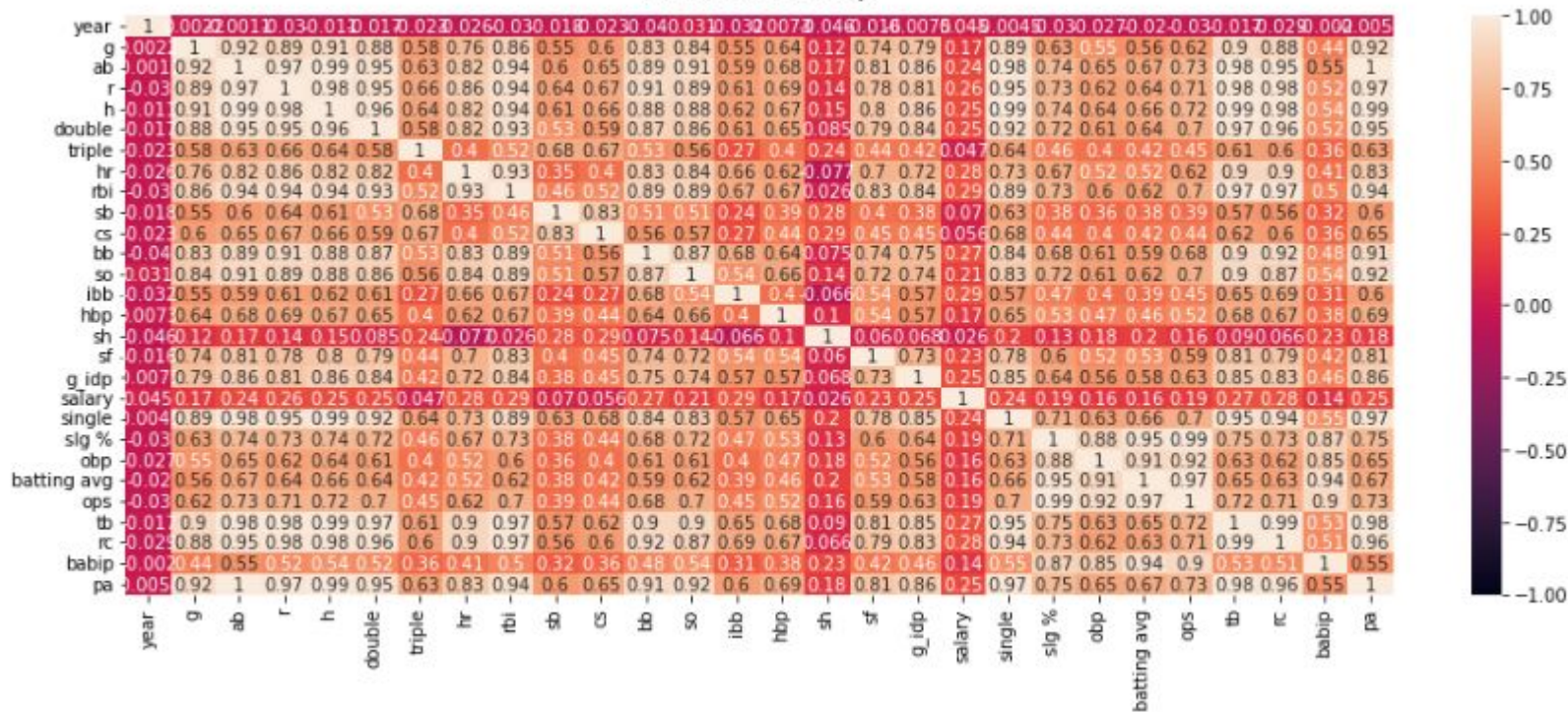# Heatmap showing the correlation of each statistic to the salary

Correlation to Salary

	salary
salary	1
rbi	0.29
ibb	0.29
hr	0.28
rc	0.28
bb	0.27
tb	0.27
r	0.26
g_idp	0.25
h	0.25
double	0.25
pa	0.25
ab	0.24
single	0.24
sf	0.23
so	0.21
slg %	0.19
ops	0.19
g	0.17
hbp	0.17
batting avg	0.16
obp	0.16
babip	0.14
sb	0.07
cs	0.056
triple	0.047
year	0.045
sh	0.026

**This may or may not make it onto the final presentation.
Waiting to see the significance of its contribution to salary**

IBB Outliers

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

Correlation Heatmap

This will have the filters set to select team and a pop up of individual stats will show in an interactive way

Team Correlation to Salary