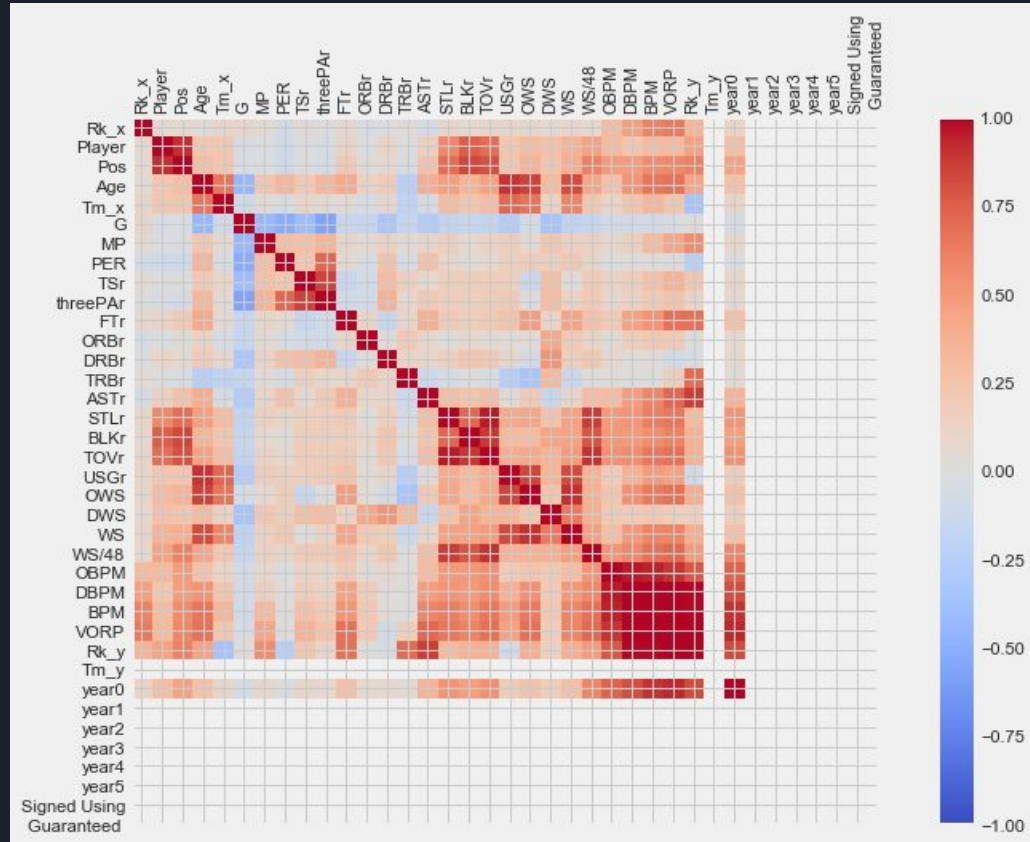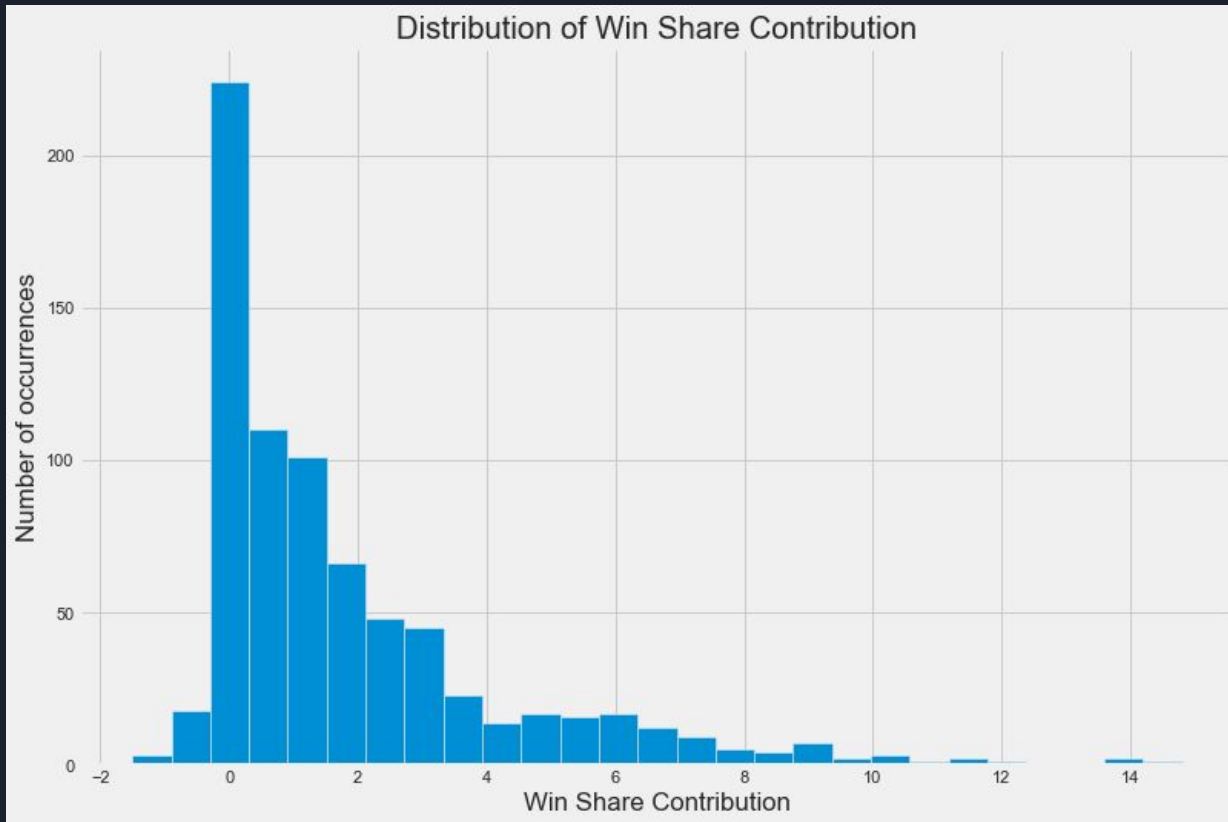# Capstone 1: NBA Player Value Based Upon On-Court Performance
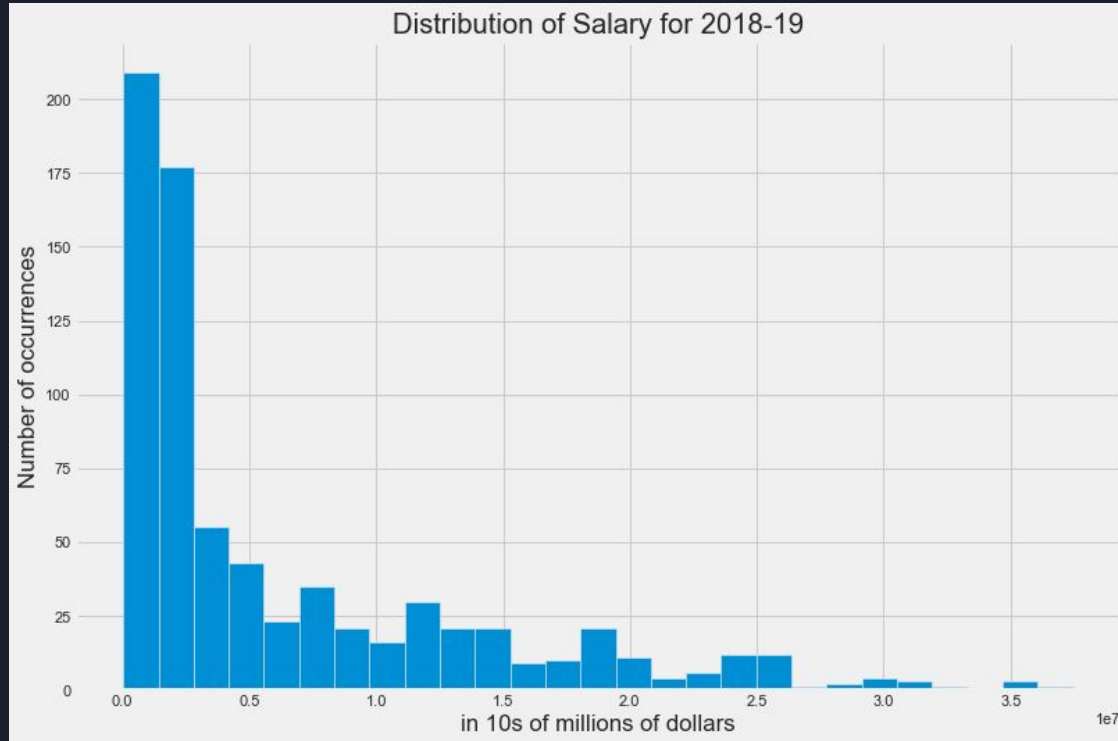
Feature Correlations

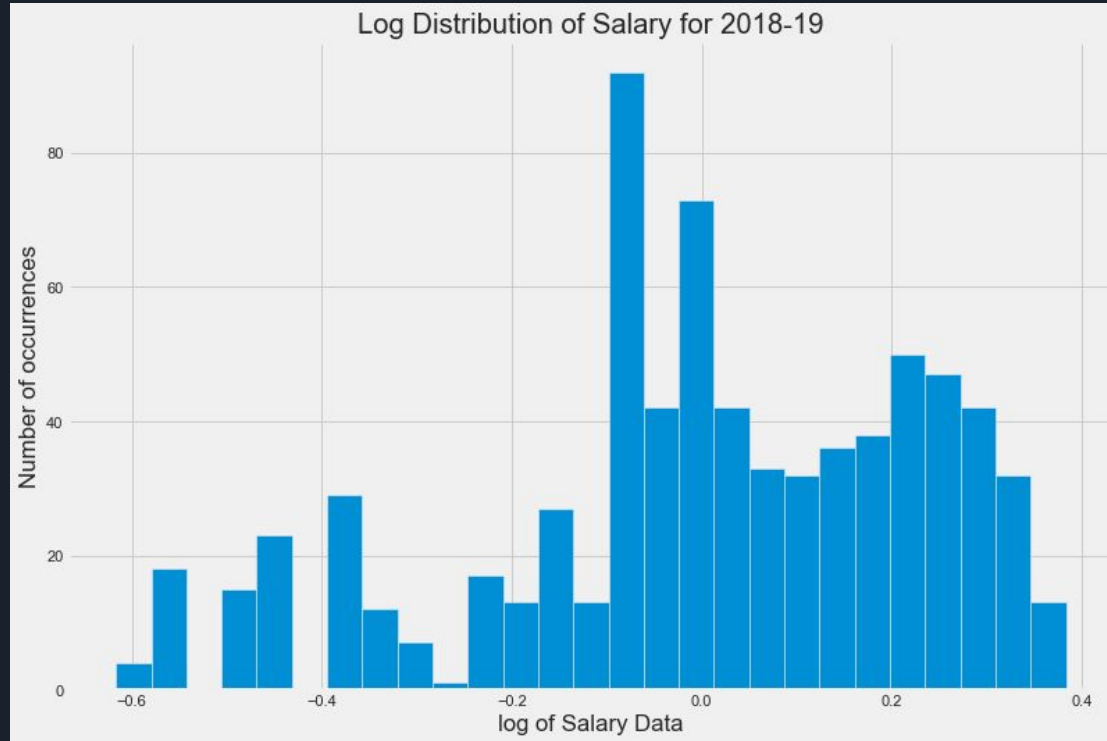# Win Share Distribution

Distribution of Win Share Contribution

Salary for 2018-19 Distribution

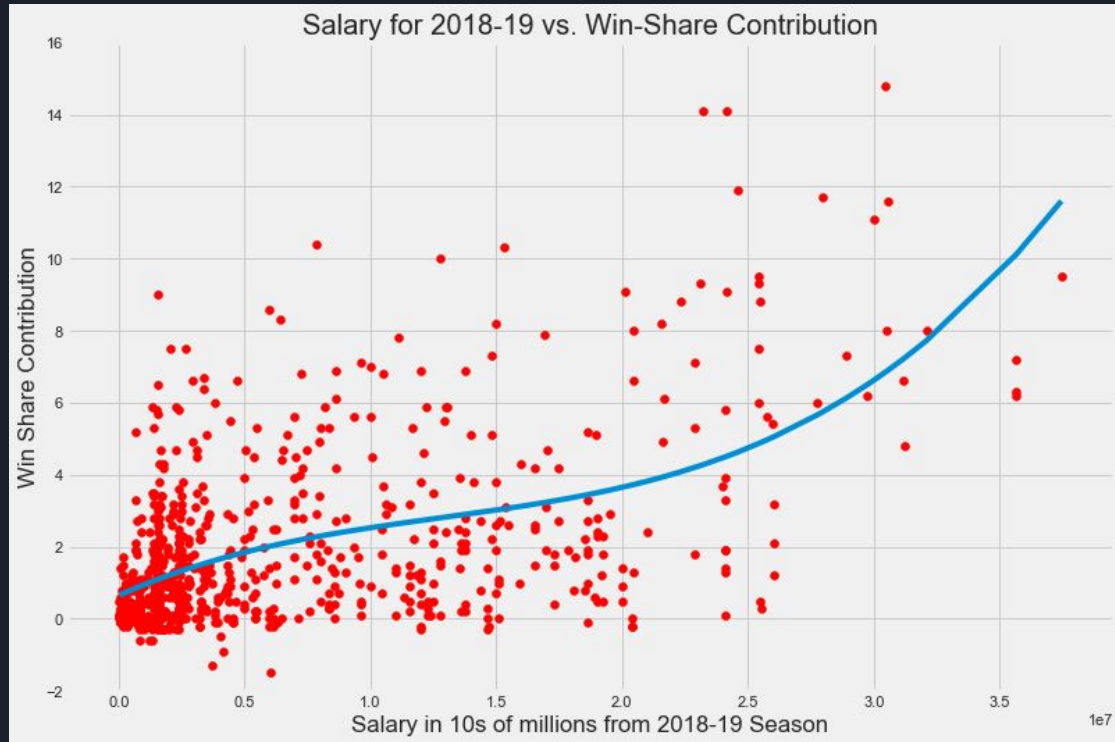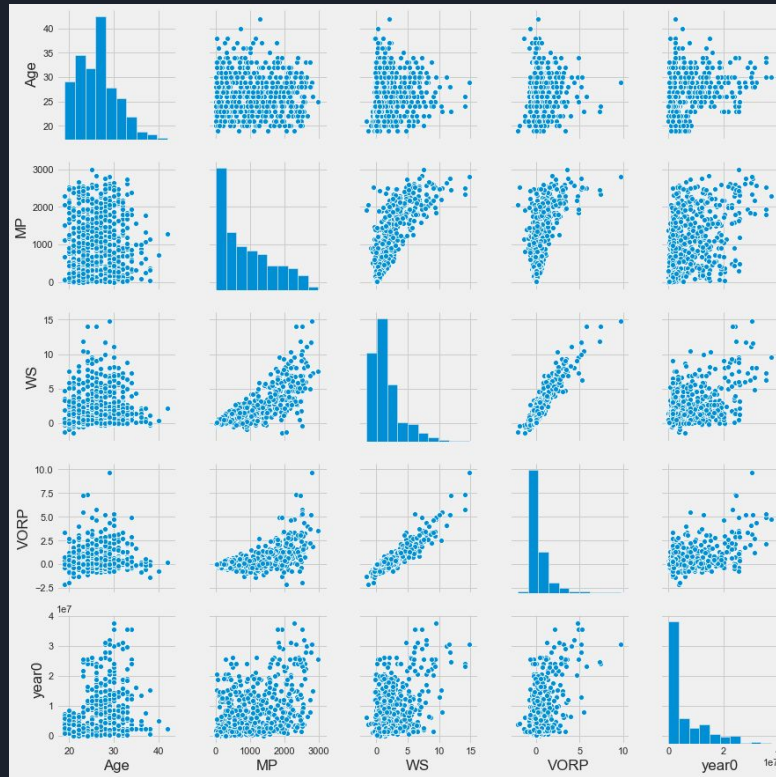Distribution of Salary for 2018-19
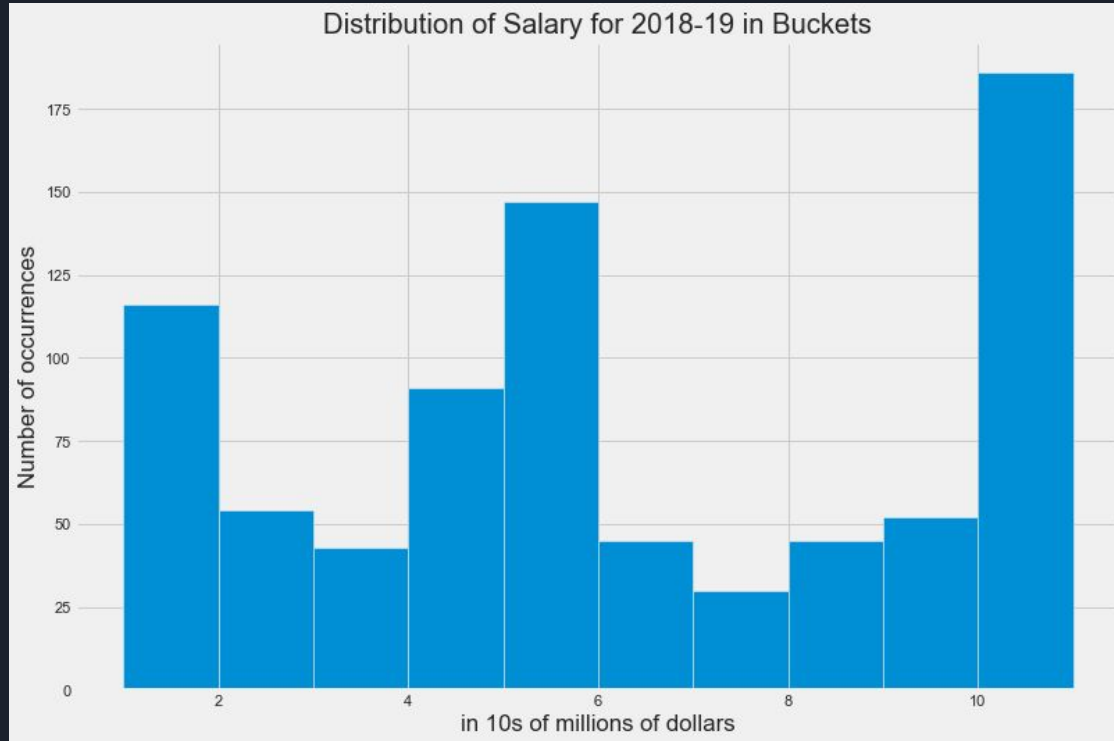
Log Histogram of Salary Data

Salary and Win Share

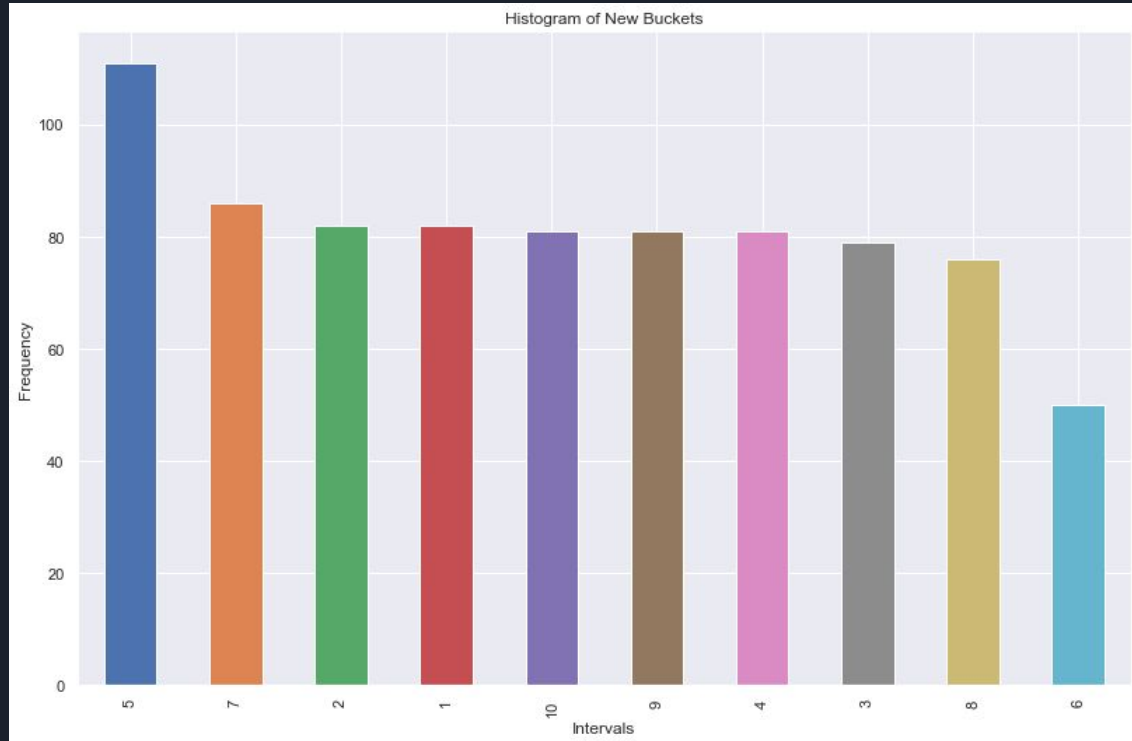# Paired Plot of Most Relevant Features

Distribution of Salary for 2018-19 in Buckets

Histogram of Buckets From Quantile Cut

Linear Models

Model Name and Target	Number of Features	R^2 Value	F-Stat Value
m, Salary	1 (Win Shares)	.287	301.0
m_all, Salary	22	.480	32.92
m_sel, Salary	10	.468	70.13
m_1, Salary	8	.465	86.85
m_new, bucket (first)	22	.432	27.20
m_new1, bucket (first)	8	.414	70.52
m1, bucket (second)	22	.422	26.07
m2, bucket (second)	8	.405	68.09