Predicting MLB Salaries

By Liam Moran

- Motivation: The owner of an MLB team is looking to evaluate the performance of their general manager.

- Objective: Create a model using statistics pulled from baseball-reference.com to predict the salary for that player each season.
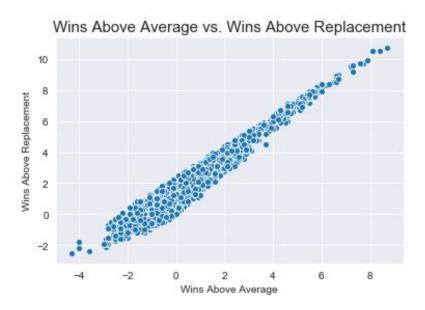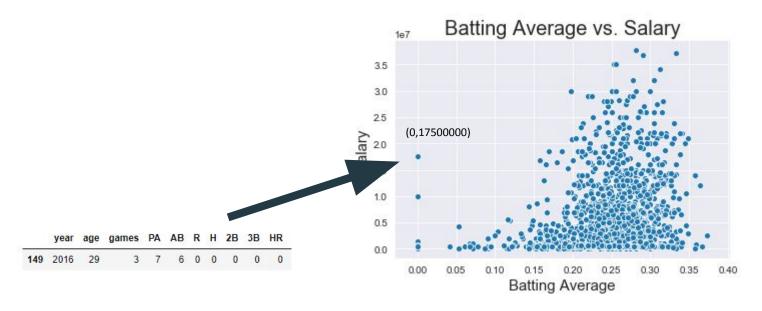
Tools Used

Initial results

Our base case R^2 is 0.386

Fixing the Assumptions

Wins Above Average vs. Wins Above Replacement

Dealing with Injured Players

	year	age	games	PA	AB	R	H	2B	3B	HR
149	2016	29	3	7	6	0	0	0	0	0

Batting Average vs. Salary

(0,17500000)

Final Results

Our final model has an R^2 of 0.5625614615988594

Lasso with Poly wins on the test data!

R^2 of each model