

Bavda Consulting
Vivek Bavda
October 4, 2021

On Any Given Sunday...

Introduction:

Problem Statement:

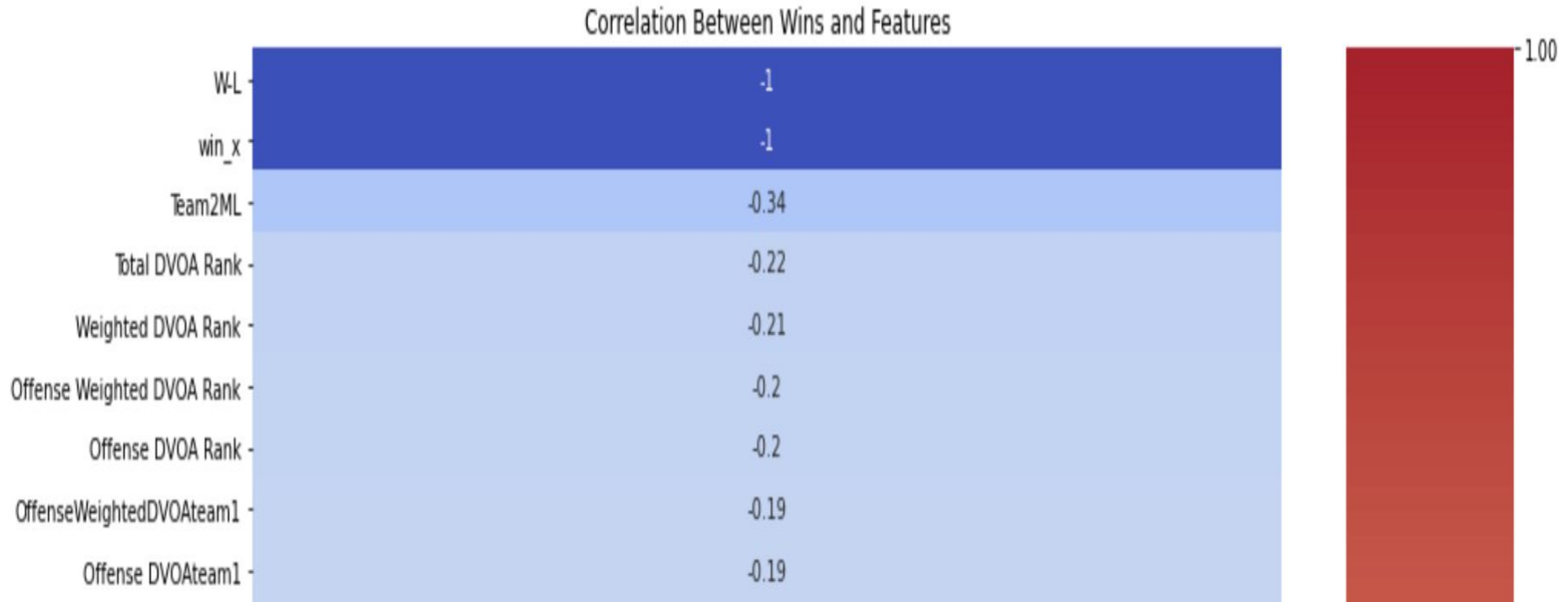
Predicting Wins and Losses on NFL games.

For Entertainment Purposes Only--No guarantees

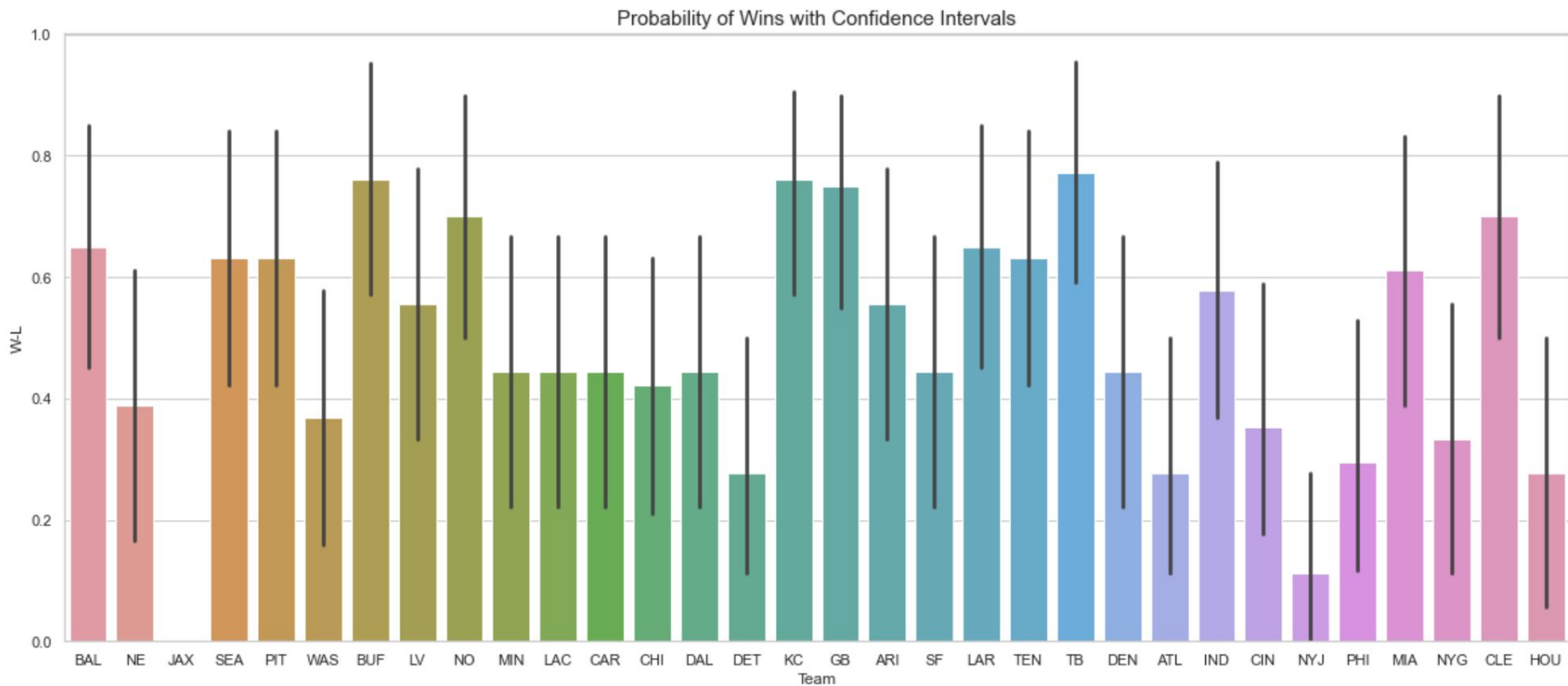
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Adding Knowledge Since July 12, 2021

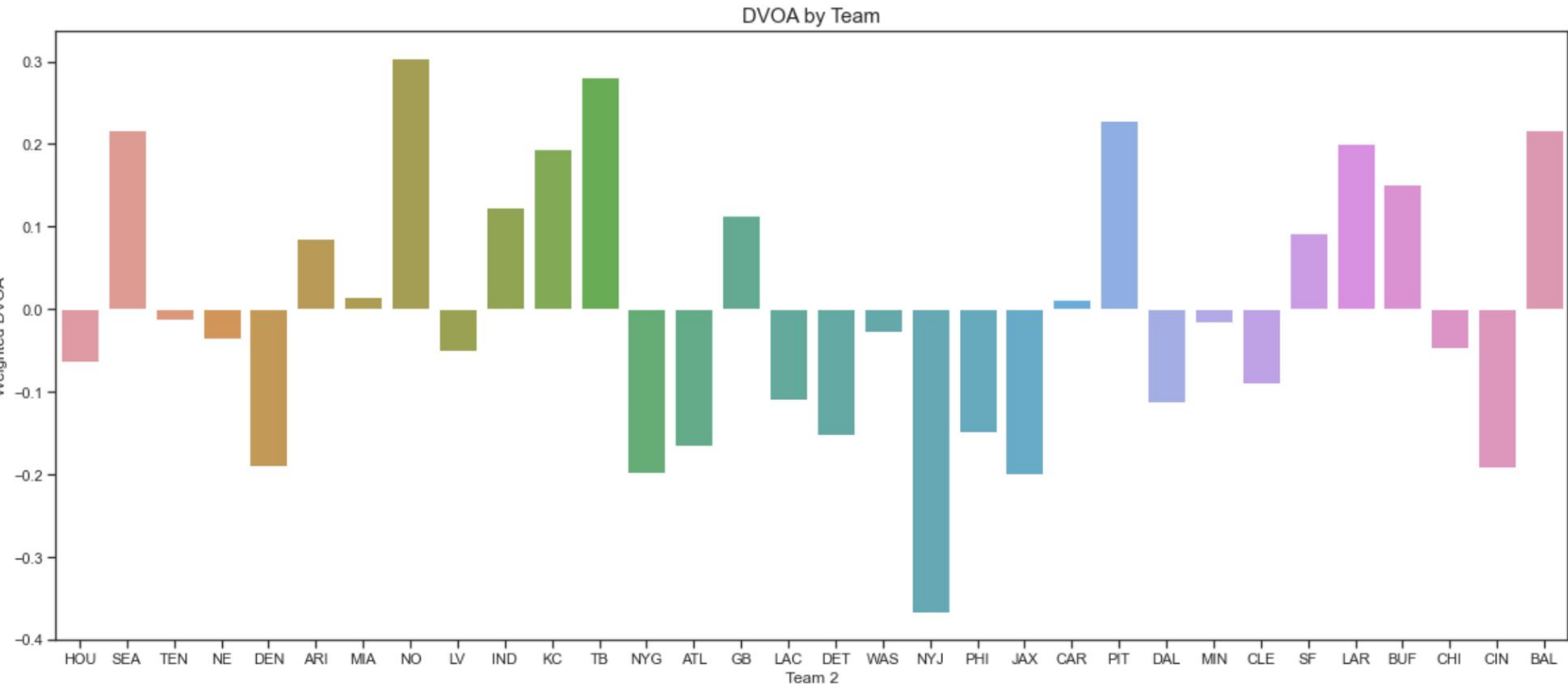
Exploratory Data Analysis



Win Probability By Team

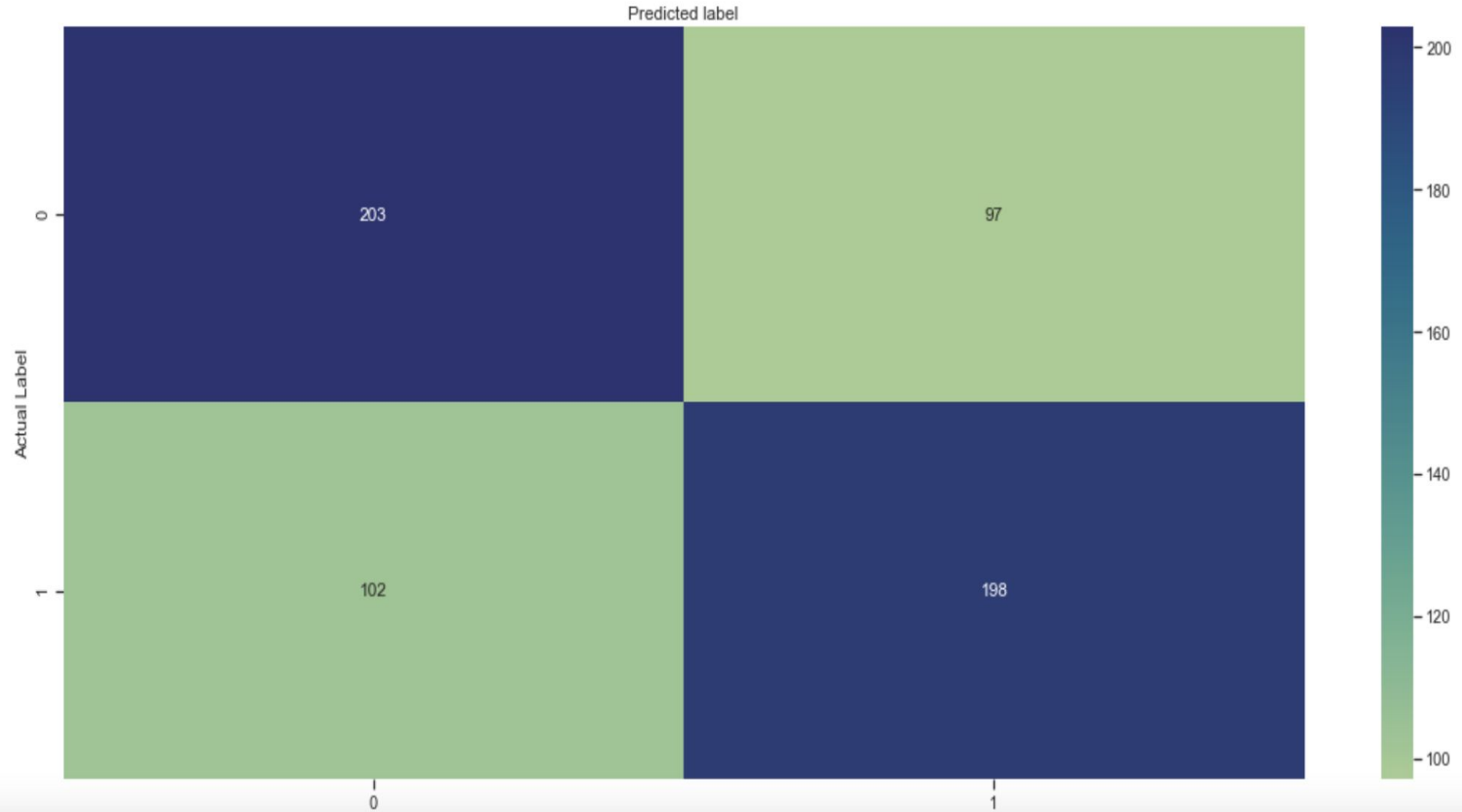


Football Outsiders Main Metric By Team



Accuracy: 0.6683333333333333
Precision: 0.6711864406779661
Recall: 0.66
F1 Score: 0.665546218487395

Confusion Matrix for Baseline Voter Classification



Conclusion and Recommendations

Production Model Recommendation

Gridsearched Voter Classification

Model Usage

Offense Potency

Football Outsiders Data