

2021 SEASON ENDING ROSTER DECISIONS: CLEVELAND GUARDIANS POSITION PLAYERS

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MACHINE LEARNING 2021 FINAL EXAM



THE PROBLEM

- **With so many position players on the active roster this season how do we decide which players are benefitting the team and our business and which players we can move on from? With pitching becoming a strong suit around the MLB, we need to analytically decided which of our players we should continue to develop around.**

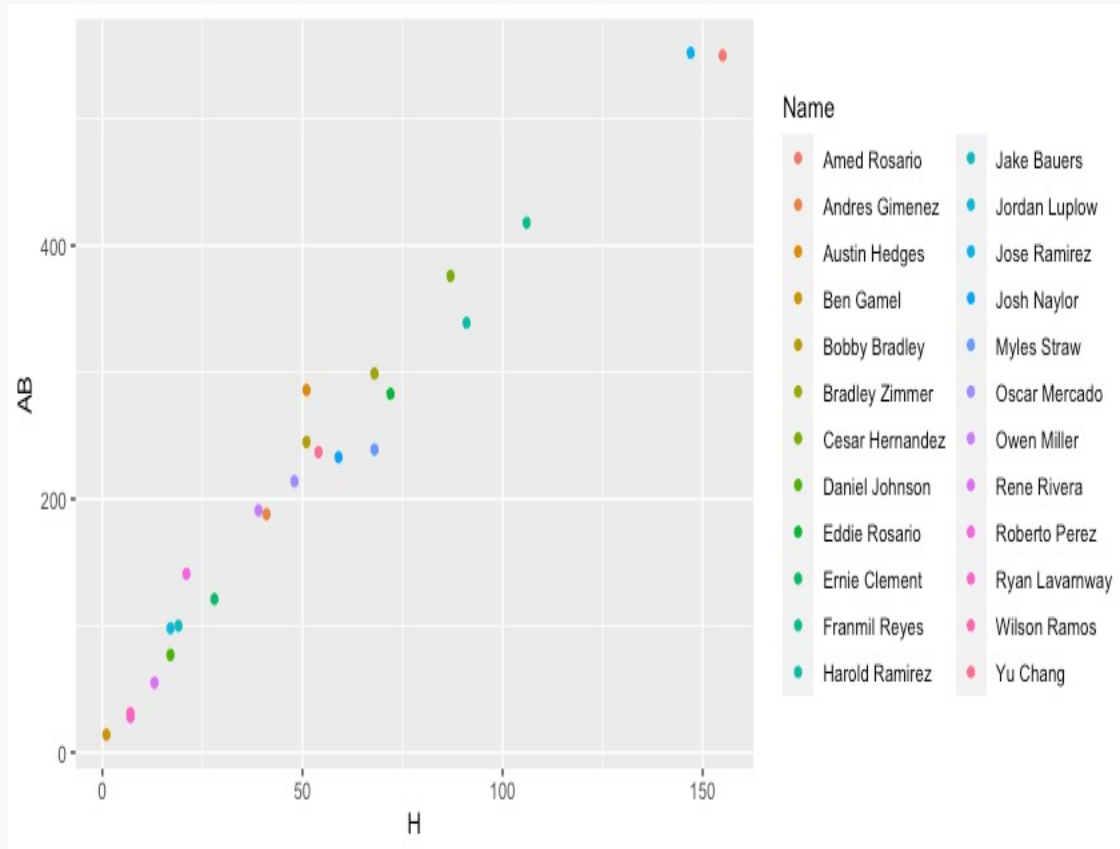


THE APPROACH

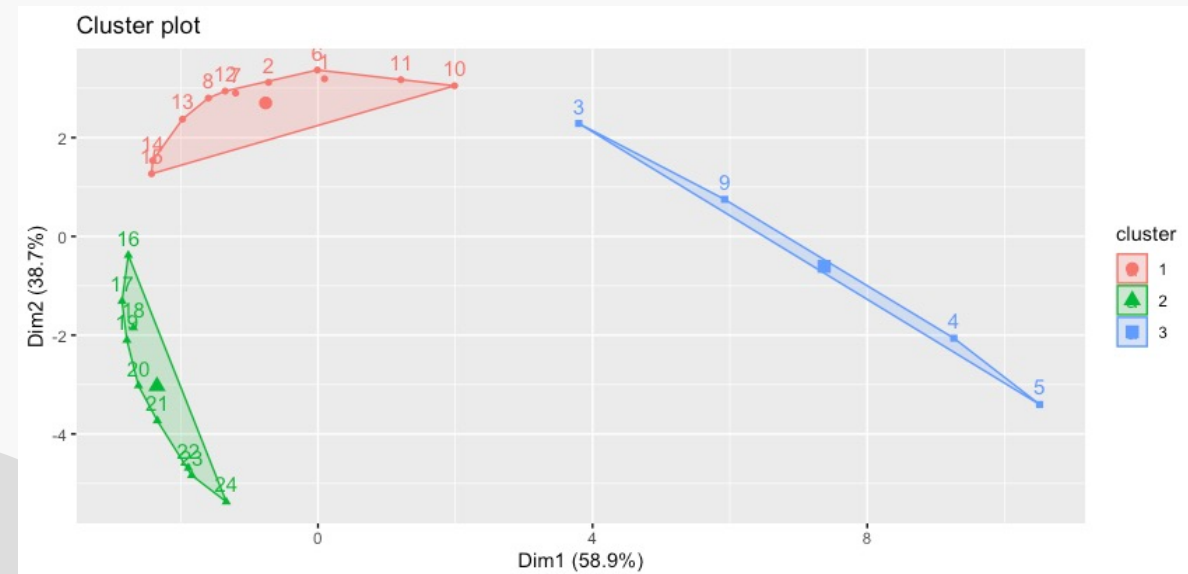
- **By clustering our players in 3 clusters, we can see who are better players and who are worse. Creating scatter plots and histograms we can visually see who we need to build our team and business around for the upcoming season.**



THE RESULTS



- Based on the findings from this scatter plot and the players in the clusters, we need to build around Jose Ramirez, Amed Rosario, and Franmil Reyes. They are proven our best hitters something we are targeting this upcoming season



5= Jose Ramirez 4= Amed Rosario 9= Franmil Reyes