Can High School Baseball Players Optimize Their College Recruiting by Analyzing Their Athletic Metrics?

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If arm velocity, bat exit velocity, running speed, height, and weight of the high school baseball player is tested, the likelihood of success at different types of college baseball programs can be predicted. This hypothesis is being used to help high school baseball players find the right college fit for them. Many players struggle with finding the right school to play baseball at, as they may have not been recruited or may not receive playing time at a certain program. Helping these players predict what programs are the best fit fro them will allow them to have happier and more successful careers. In order to predict this, the following must be done. Using the site Perfect Game, data will be collected with players names' from showcases from 2017-2021 high school graduates, Then the data will be filtered since the player has to do the showcase 12 months or sooner before graduation. Then, this data will be compared using the data from player commitments to each division (Power 5, Mid Major, D2, D3/NAIA, Junior Colleges). SPSS modeler will help to create a predictive model based off of historical data so players can have a true or false reading for whether they can play baseball at a certain division school based off their metrics. This model will help countless baseball players find which type of college they are best fit for. This will allow them to not waste their time and explore different college options that are suitable. It will also allow them to continue their careers and be more successful.

Awards Won: