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Term Paper Proposal

Web Systems and the Advent of Advanced Analytics in Sports

Abstract

Baseball and other sports have long been the users of statistics and analytics to improve player performances, competitiveness, and entertainment value. For a long time, statistics in sports were based upon results. Baseball players were assessed by whether they got hits or outs or allowed runs or not. With new technology however, teams and players have been able to assess performance based on raw performance data such as pitch speed, launch angle, exit velocity and more. Once this data was introduced there became a need to provide an easy to access database of this information. Out of this need sites such as Baseball Savant were born. These sites seek to disseminate these statistics and more to the baseball watching public and have revolutionized the baseball (and other sports) watching experience.

Initial Sources:

<https://baseballsavant.mlb.com/>

<https://nextgenstats.nfl.com/>

<https://www.nbasavant.com/>