Cricket Score predictor

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# Introduction

In this report, there is description about the Score Predictor which is an artificially intelligent score predictor. This score predictor predicts the score of a specific player in a specific match based not only the current form of the player but also the opposition and the ground. So the algorithm takes 3 features and on basis of these features it predicts the score.

# Motivation

The motivation behind this intelligent score predictor is actually the pain of all cricket lovers. We see Rohit Sharma playing some quite brilliant knocks against Sri Lanka in India and every Indian is like Oh he is going to thrash Pakistan in champions’ trophy. But what happens in the end we all know that. But what went wrong, where did the form of Rohit Sharma go? All these questions arise in the mind of every cricket fan and all of a sudden they think yes, the factor of opposition and the ground effects the form of a batsman. Not always the average and form comes in handy, but grounds and oppositions effect a lot. But that’s not it. We see score predictor shown during match, shows the score based only on the average per over at that time. We can extend this algorithm of ours and make it predict the score of team.

# Problem Domain

A lot of debate goes on whenever a cricket match is played. There is pre-match analysis, post-match analysis and what not. In all these analysis, the expert usually discuss the players and how each player will perform in the match. Now if you are a 60 years old person and stay at home all day and you have nothing to do except to watch TV then you are okay. But what about a guy who is a cricket lover and works all day? He does not have the time to watch these analysis. Hence there was a need of a program which can tell someone about how much a player will score in the match.