

# **ANALYSIS AND RUNS PREDICTION SYSTEM FOR BATSMEN**

**Nawanage Don Hasith Sasanka Nawana**

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**Department of Computing  
Informatics Institute of Technology, Sri Lanka  
in collaboration with  
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## Abstract

With the development of technologies cricket has become a competitive sport for the modern era players. The weaknesses of batsmen are quickly identified by opposition players due to the availability of video and other relevant technologies. There are 6 types of bowlers in cricket. This system can be utilized to predict the average number of runs a batsman will score against a particular type of bowler in an innings in an ODI match. According to the average, the batsman can assess for which bowler they are weak against and train hard to face that type of bowler successfully. The machine learning model in the system has been trained with scores gathered from ODI cricket matches dating back to 2015, in order to predict the future scores.

Keywords: Machine Learning, Simple Linear Regression, Multiple Linear Regression