Domain :ML

BatchNo.C27

G. Narayanamma Institute of Technology & Science (For Women) (Autonomous)

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

<GN-R-18> (2022 - 2023) II B.Tech II Sem Hobby Project
on "WEB SCRAPPING"

Abstract:

Machine learning is a subset of artificial intelligence, where real-world problems can be solved in the real world. This technique does not require programming but depends only on learning the data if the machine learns from previous data and predicts the result accordingly. Machine learning methods benefit from the use of decision trees, heuristic learning, knowledge acquisition, and mathematical models. Today, the demand for cricket has grown rapidly, with many people focusing on data analysis and data prediction through machine learning technologies. Analyzing and predicting IPL data through machine learning play an important role in player selection.

Key Words: Analysis, IPL, Logistic Regression, Machine Learning, Prediction, Random Forest.

Recently, the Indian Premier League, known as the IPL, which is played between franchises in various Indian states, has become a popular league not only in India but all over the world. Day by day, the role of data science and machine learning in cricket is increasing due to the huge amount of data generated from a single player to a whole line. We use these available data and statistics to predict things like the team's first inning score and probability of winning of winning the second team ,etc.

H/W Requirements: Monitor, CPU

S/W Requirements: Windows 10,Python

***Dept R&D: Yes / No** *** If No : GNITS**

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