**DATA SCIENCE PROJECT REPORT**

(Project Semester August-December 2019)

INDIAN PREMIER LEAGUE, 2021- DATA

Submitted by

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Registration No: 11913440

Computer Science and Engineering

Section: KM07

Course Code INT217

Under the Guidance of

**Sandeep Kaur**

The discipline of CSE/IT

**Lovely School of Computer Science and Engineering**

**Lovely Professional University, Phagwara**

**CERTIFICATE**

**This is to certify that Sonu Kumar Saw bearing Registration no. 11704210**

**has completed a Data Science project titled, “India Premier League-2021” under my**

**guidance and supervision. To the best of my knowledge, the present work**

**is the result of his/her original development, effort, and study.**

**Signature and Name of the Supervisor**

**Designation of the Supervisor**

**School of Computer Science**

**Lovely Professional University**

**Phagwara, Punjab.**

**Date: 13/12/2021**

**DECLARATION**

I, SOMINENI MABISH CHOWDARY, student of Lovely Professional University under

CSE/IT Discipline at, Lovely Professional University, Punjab, hereby

declare that all the information furnished in this assignment is based on my

own intensive work and is genuine.

Name of the student: SOMINENI MABISH CHOWDARY

Date: 13/12/2021

Signature: SOMINENI MABISH CHOWDARY

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**ACKNOWLEDGEMENT**

Project work is a combination of views, ideas, suggestions, and contributions of many people. Thus, one of the pleasant parts of writing the report is to thank those who have contributed towards its fulfillment.

I consider it a great privilege to have esteemed Lecturer Ms. Sandeep Kaur as my project guide. I take this opportunity to express my sincere gratitude to him through constant advice and constructive criticism nourished my interest in the subject and provided a free and pleasant atmosphere to work against all odd situations. I avail this opportunity to extend my heart full thanks and deep respect to faculty members for their able guidance during this project.

My gratitude to all those, who responded to my questionnaire in a well-defined manner and helped me acquire knowledge.

I would like to communicate a deep sense of gratitude to all these people without whom my project would not have been such a great learning experience.

SOMINENI MABISH CHOWDARY

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**Introduction :**

The 2021 Indian Premier League, also known as IPL 14 or, for sponsorship reasons, Vivo IPL 2021, was the fourteenth season of the Indian Premier League (IPL), a professional Twenty20 cricket league established by the Board of Control for Cricket in India (BCCI) in 2007. Mumbai Indians were the two times defending champions, having won both the 2019 and the 2020 seasons Ahead of the tournament, Kings XI Punjab was renamed as the Punjab Kings.

Initially, on 7 March 2021, the BCCI announced the fixtures for the tournament. On 4 May 2021, the tournament was suspended indefinitely, after a rise in COVID-19 cases within the bio bubbles of respective teams At the time of the suspension, 31 of the scheduled 60 matches were still left to be played. On 29 May 2021, the BCCI announced that the remaining matches of the tournament would be played in the United Arab Emirates in September and October 2021. The schedule for the remainder of the tournament was released on 25 July 2021.

On 15 October 2021, Chennai Super Kings beat Kolkata Knight Riders by 27 runs in the final, to win their fourth IPL title.

**• Dataset**

|  |  |
| --- | --- |
| **Column** | **Definition** |
| **Schedule** | **Schedule of the 2021 IPL tournament** |
| **Player** | **Name of the player as per the records** |
| **Teams** | **Teams in the 2021-IPL** |
| **Date** | **Date of the match** |
| **Strike rate** | **Strike rate of the match or player** |
| **Runs** | **Runs scored by the players** |

**Scope of the Analysis**

The Indian Premier League 2021 (IPL) season is going to be very interesting. All eight teams are in full form and ready to rock the field. King Kohli led Royal Challengers Bangalore has improved a lot and they are the strong contenders to lift the trophy this year though RCB played awfully in the last season’s IPL and lost their first six games.