## 1 INTRODUCTION

As mentioned in the description of the problem statement, IPL has become the highest revenue-generating league cricket. So, Analyzing the data that have been storing the vast data of the IPL till now can help us predict the scores, winning team sometimes even the man of the match. There will be quite interesting to analyze the IPL game.

## 2 LITERATURE SURVEY

There are many sites for the analyzed data information but not a single page, so here the novelty is all the data in a single dashboard, using the machine learning algorithm, we can predict the approximate score and also the man of the match, So this is the novelty of the solution.
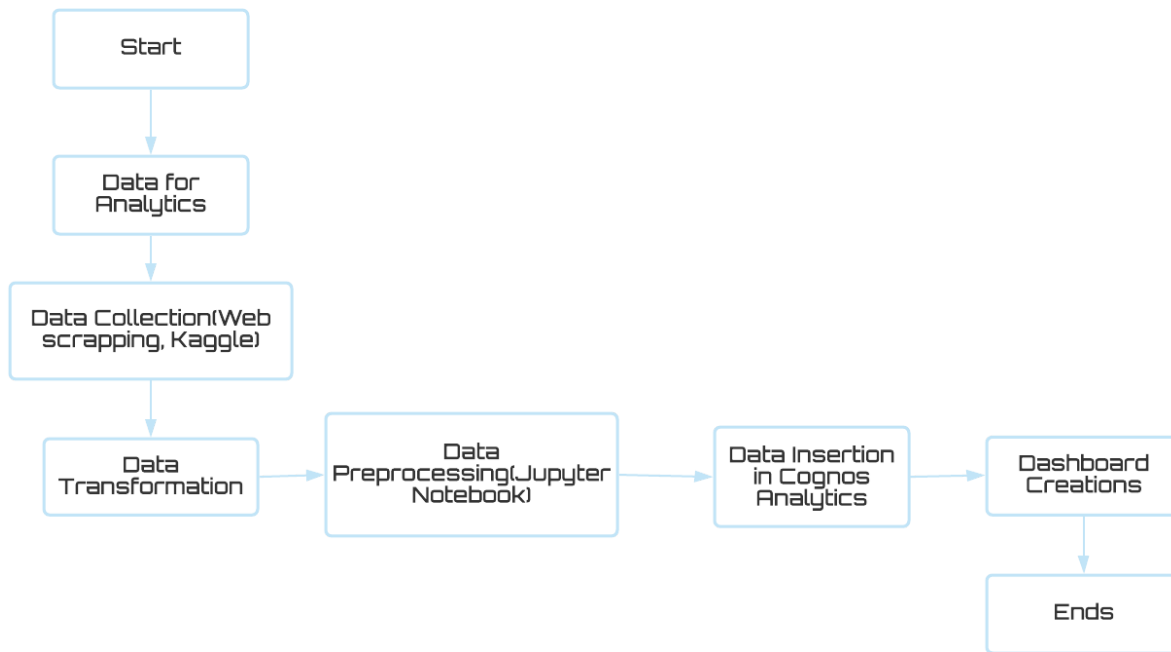
## 3 THEORITICAL ANALYSIS

| TOOLS | IBM Cognitive Analytics, Jupyter Notebook |
|---|---|
| LANGUAGE | Python |
| OS | Windows |

## 4 EXPERIMENTAL INVESTIGATIONS

The Data is not available for 2020 and many, so it was been collected by web scrapping and by my hands.

All the mentioned problem was quite interesting, typically the 3rd one which was little challenging so for that I wasted a lot of hours, so I made modifications. I made a new column name lost the team and written a simple python code which helped me to solve it.

## 5 FLOWCHART

## 6 RESULT

 **Project Demonstration Link :**
**https://drive.google.com/file/d/1TrVzwRBFceSpWuVhQS5Q679MSm2fp6hO/view?usp=sharing**

**Dashboard Link:**
**https://us3.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.public_folders%2FHackchallenge%2FIPL-HACKCHALLENGE&action=view&mode=dashboard&subView=model000000 17ad88fb639_00000001**

## 7 ADVANTAGES & DISADVANTAGES
### 7.1.1 ADVANTAGES :
There are many applications for testing the predicted values so that we can earn money through the applications. For the other people, they will consider it as gambling but in our vision, it will be called predictive analysis.

**7.1.2 DISADVANTAGES :**
This project has not that many disadvantages because we invest in means very much affordable money, but we get a very big return.

**8 APPLICATIONS**
By using the dashboard we can predict the winners of the match before it started it is called predictive analysis.
By using the model we created which can predict the runs
We can make use of these predictions in dream 11 or many platforms.

**9 CONCLUSION**
- Dashboard created with the total history of Indian Premier League 2008-2021
- Created  a  model that can predict the scores

**10 FUTURE SCOPE**
We can make the Best 11 team so that it makes it more effective and We can integrate with an app so that it will be a complete product

**11 BIBILOGRAPHY**

https://www.iplt20.com/stats