1 INTRODUCTION

1.1 Overview

Indian Premier League (IPL) is one of the most sparking tournament of the world. It is not only the game, it is emotion in India. So, the excitement to explore each IPL matches is on it's peak. People are keen to predict the result before the match. We, (**Tech Warriors**) had build a model to reach the requirement.

1.2 Purpose

The main theme of the model is to provide the different insights of potential of the team in IPL. Each IPL matches provide a bunch of data which when analyze precisely then it's provide a wonderful insights of each team potential and weaknesses. Our project works on that idea and provides a various insights of the IPL through **Dashboard**, not only that we have provided a **Chatbot** access to IPL stats and **IPL Match Predictor**, which guesses the winning team before the match.

2 LITERATURE SURVEY

2.1 Existing problem

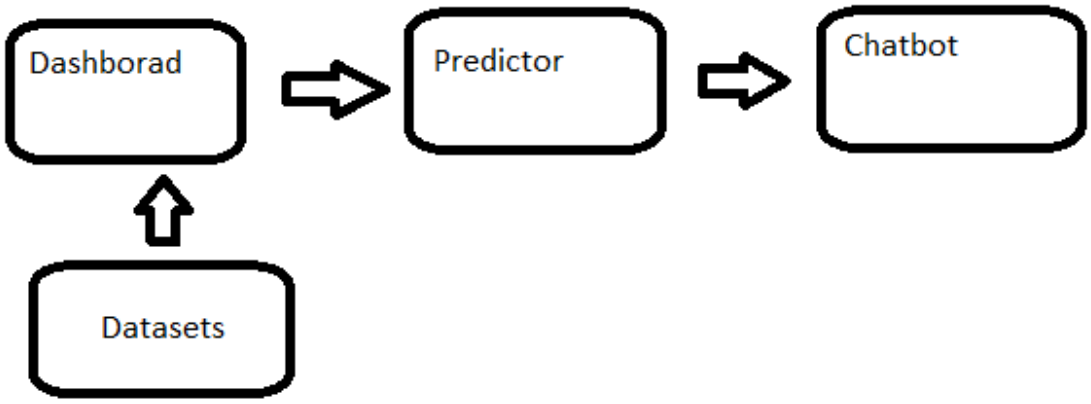
As IPL is the eventful occasion for Indians, but they are not able to get the correct and right stats of the tournament. They are not able to predict the right team who will win the match. The people should read the current treads and correct data with the past matches.

2.2 Proposed solution

The method to approach the condition is to **analyze** the data of the past IPL matches. It will provide a great **insights** of the data and visualize the different interesting **stats and facts**. Not only that, it will also provide the great tool to **Predict** the match results.

3 THEORITICAL ANALYSIS

3.1 Block diagram



3.2 Software designing

Software requirements of the project:

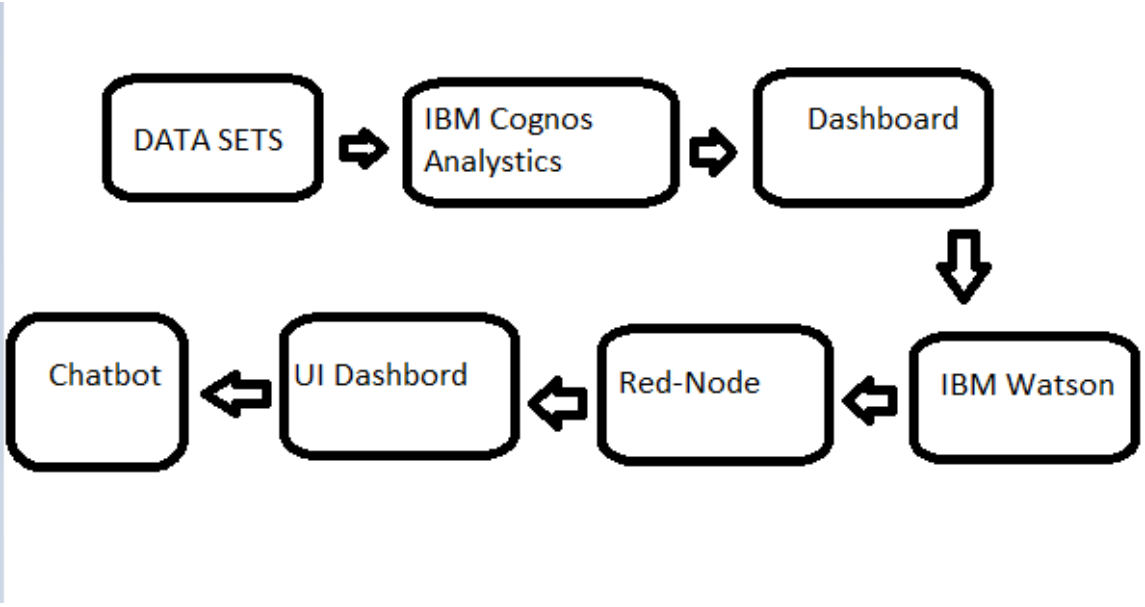
1. IBM Cognos Analytics
2. Watson Studio
3. Watson Analytics
4. Red-Node
5. IBM Cloud

4 EXPERIMENTAL INVESTIGATIONS

Analysis

While working on the project, we got to know many trending trends in the market. The working predicting model gives a different insights of the IPL matches. Not only that but the Dashboards also plays a leading role to identify the problem statements and it's solution.

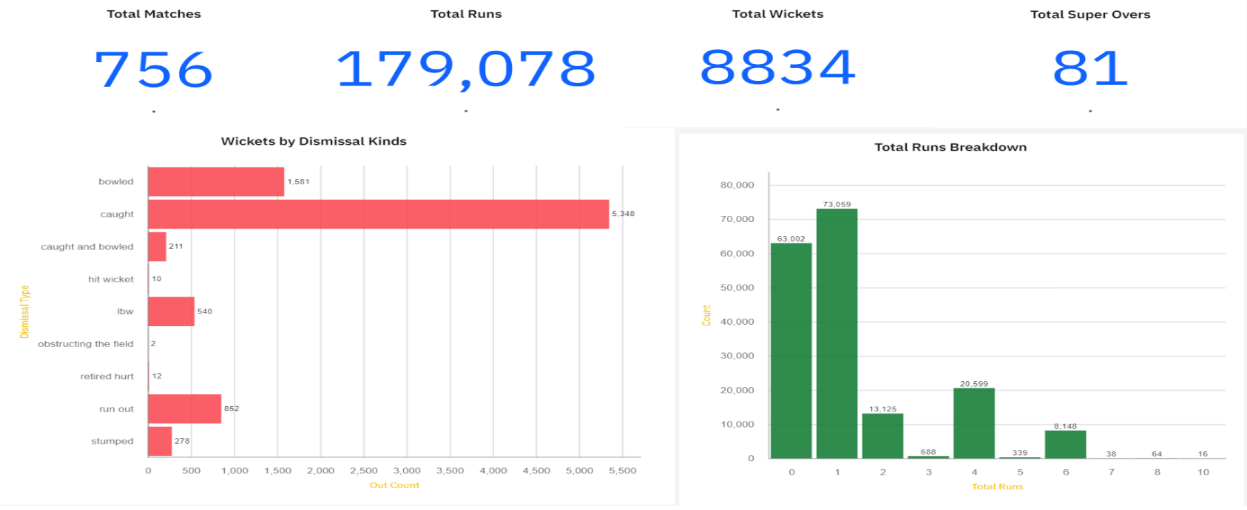
5 FLOWCHART



6 RESULT

Finally after the many trials and errors came to got the desired output. Some of the screenshots listed below:

Dashboard:



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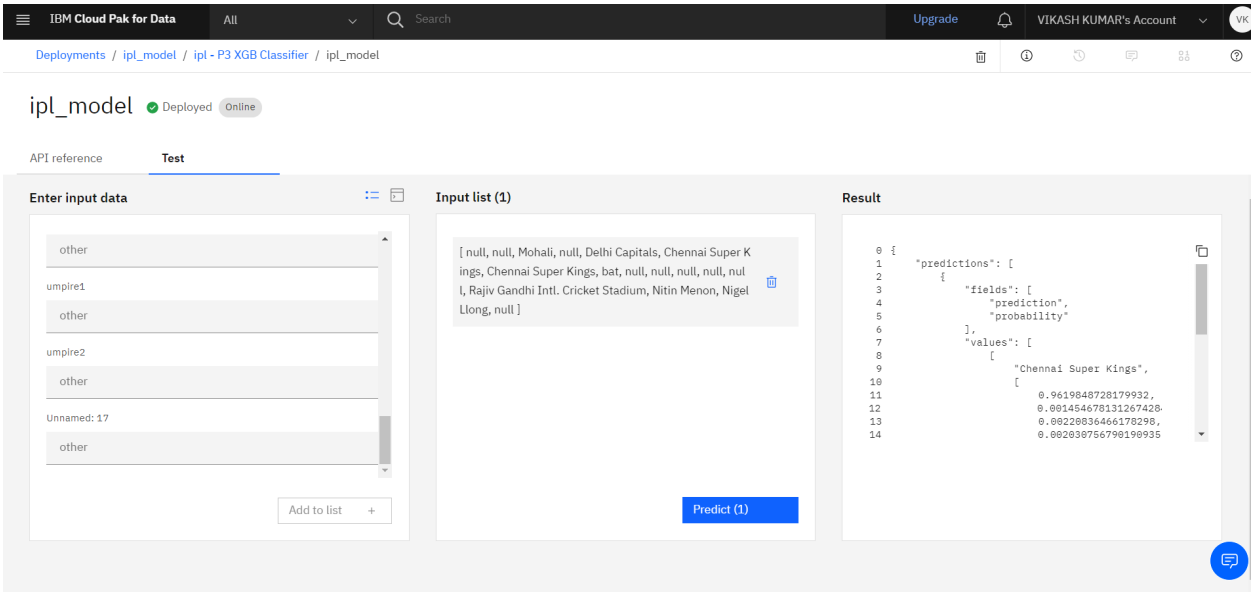
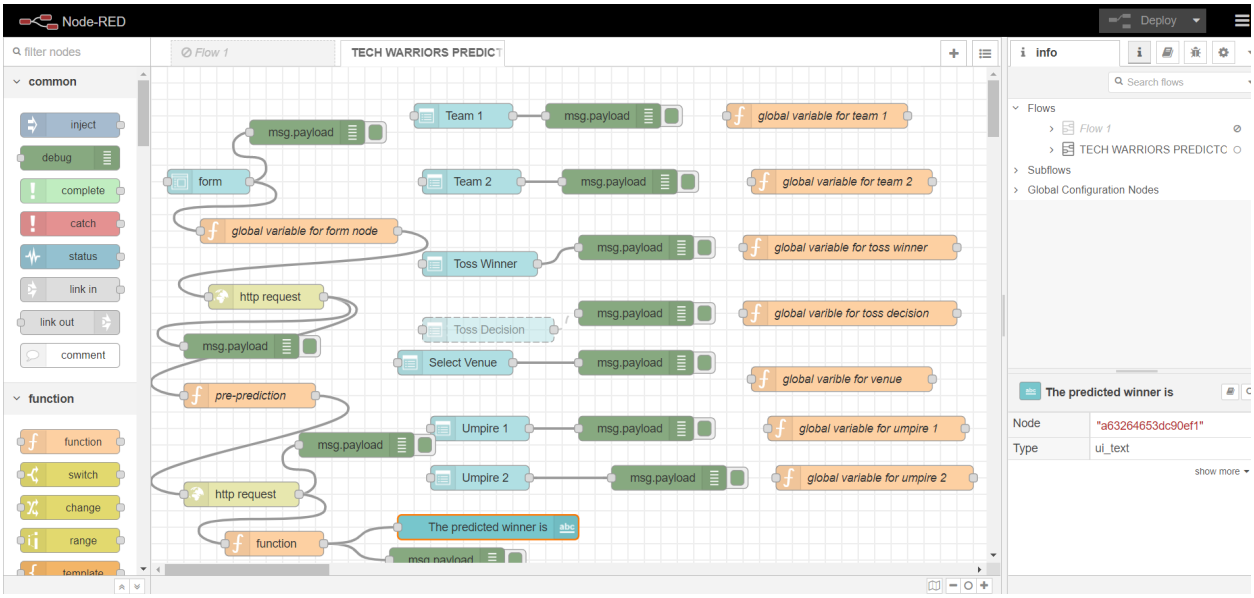
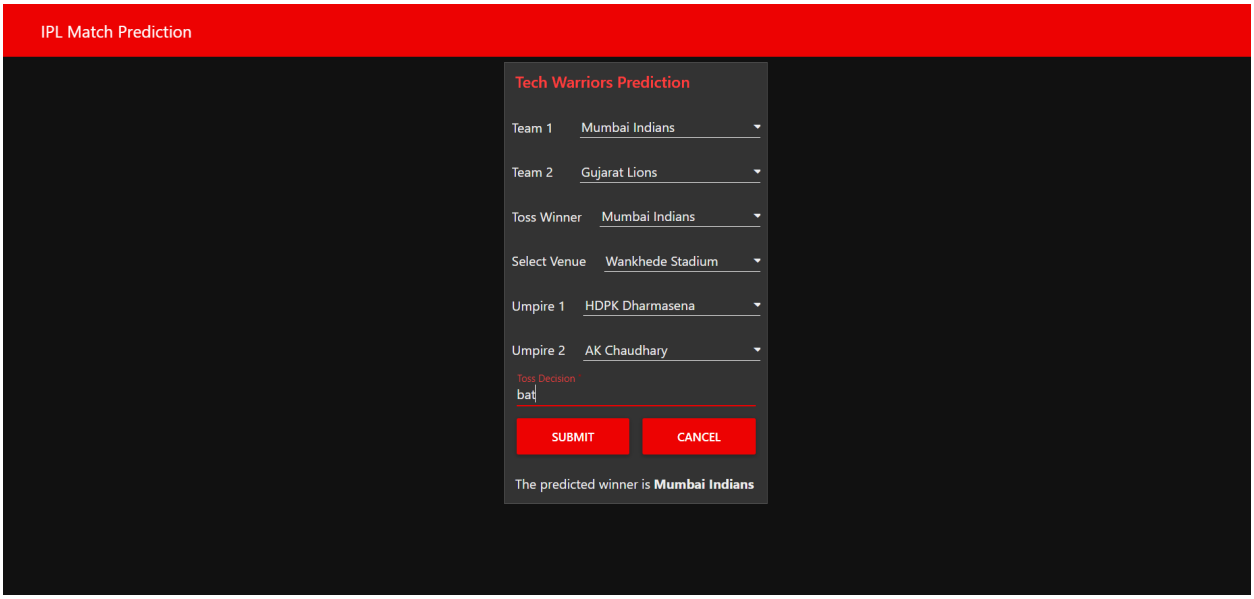
IBM Watson:



Red-Node Canvas:



Predictor Dashboard:



7 ADVANTAGES & DISADVANTAGES

The advantages of the proposed solution are as follows:

- The dashboard gives a different facts of the IPL
- The automated predictor gives a prediction based on the IPL history
- The UI based predictor creates the user friendly environment
- The Chatbot provides the user to ask question and give answers based on IPL

The disadvantages of the proposed solution are as follows:

- The user should know what to ask with the chatbot
- There is some constraints of the predictor model regarding CUH constraints
- The user should enter the right information to get the desired output

8 APPLICATIONS

As IPL is one of the finest event of the world, the application of the solution is very vast.

- It helps people to get interesting facts and figures of the whole IPL matches
- It helps teams who investigate the opposition team to analyze the pros and cons
- Based on the data analysis, the people can bet on the official legal websites

9 CONCLUSION

The people have many misconception about the game or have wrong information about the data of the IPL matches. So, our model helps them to get the right information and also many interesting facts about the game and it creates a keen in the people to watch IPL matches with great excitement. The dashboard have different aspects of analyzing the IPL history with great charts and graphs. The UI based predictor predicts the match winner, which is hot topic among the people. At the end, the chatbot also add values to the people to use and ask questions and get answers without any hustle. The IBM cloud is the finest tool where all the model prepared with cool UI and have many infinite tools to explore more and more.

10 FUTURE SCOPE

As the data changes as per each matches so keeping the things updated is the important tasks. The predictor model has some constraints to CUH values working on that is the future scope. Making the enhancement in the chatbot is also the important tasks to add some values with data.

11 BIBILOGRAPHY

1. https://www.kaggle.com/nowke9/ipldata?select=matches.csv
2.https://www.ibm.com/docs/en/cognos-analytics/11.1.0?topic=stories-get-started-dashboards
3. https://www.ibm.com/docs/
4. https://youtube.com/smartintenz

Demonstration Link:
https://share.vidyard.com/watch/oqUT5TDDLvPAytYxdm9bqa?

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