1 INTRODUCTION

1.1 Overview

Since the dawn of the Indian Premier League(IPL) in 2008, it has attracted viewers all around the globe. High level of uncertainty and last moment nail biters has drawn the fans to watch the matches in large numbers. Within a short period, IPL has become the highest revenue generating league of cricket. The project is to predict the Indian Premier League to create a dashboard that visualizes some of the capabilities like finding the team that won the most number of matches in the entire IPL, find the team that lost the most number of matches in the entire IPL, etc... and also to analyse such vast amounts of data which will give great insights in forecasting match results ,top scores, city hosted mostly and wicket takers.

1.2 Purpose

The objective of creating a solution for this problem to visualizes the capabilities and also forecast the future results.It helps the users to get some knowledge about the IPL matches and users like predictors to get some accurate results while predicting about the matches.

2 LITERATURE SURVEY

2.1 Existing problem

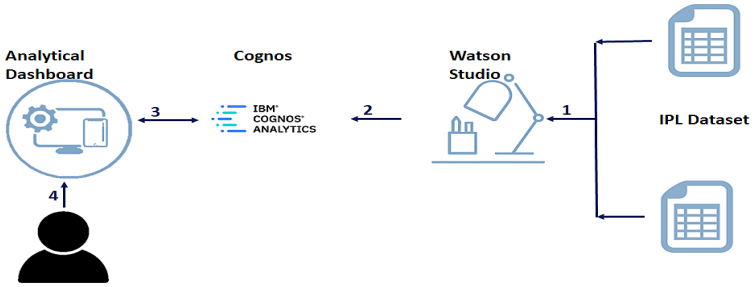
In the existing approach the analysis given just for upcoming matches for upcoming by their self without analysing more a past datas. while using with on past data no one given a diagrammatic representation about datas and its output what are things need by public.More often the existing problem not clearly given solution to their problems.

2.2 Proposed solution

As a basis of measuring the process performance in existing problem,the measurement of data and its output accuracy is accurate with more datas.The testing has shown that the proposed system produces relatively accurate indications of actual performance of construction projects.Using of diagrammatic representation reach the public easily and also attract easily.

3 THEORITICAL ANALYSIS

3.1 Block diagram



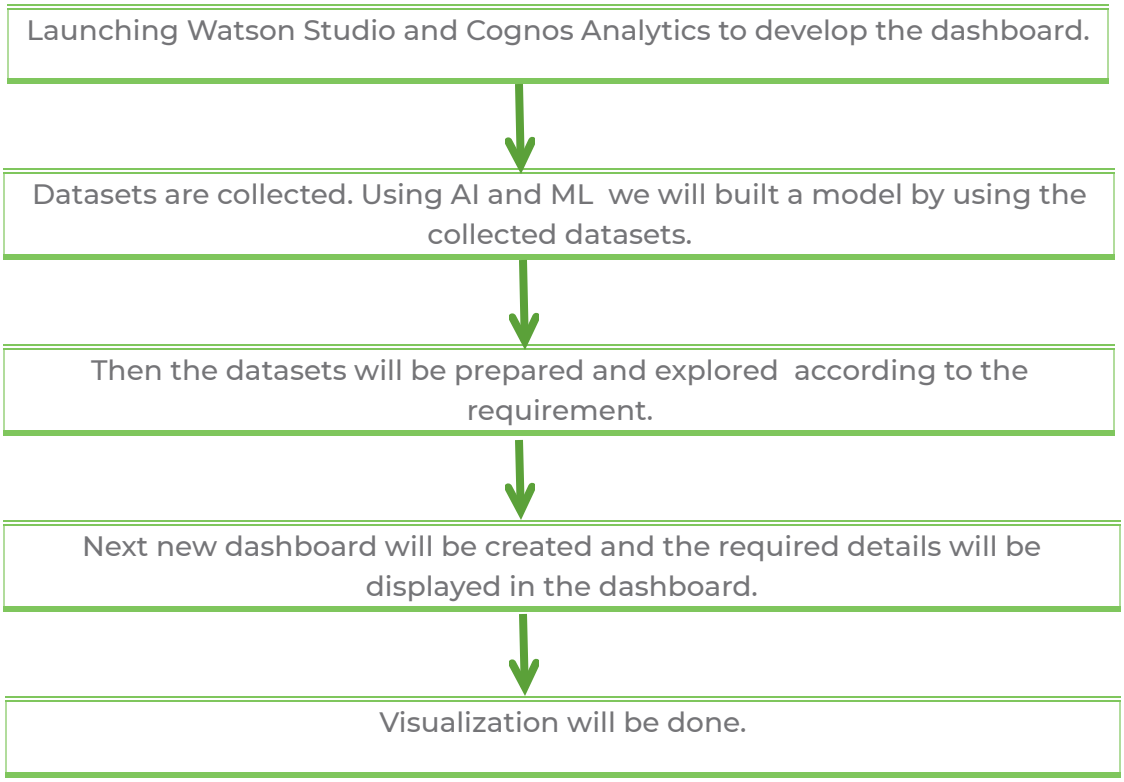
3.2 Hardware / Software designing

IBM Cognos Analytics
IBM Cloud,
IBM Watson Studio.

4 EXPERIMENTAL INVESTIGATIONS

Experimental Investigation carried out on (**Comma Separated Values)**CSV and from the various resources and data cleaning and preprocessing on datas to get accurate solution for the proposed solution.Uploading datasets and finding accurate and exact solutions for the proposed problem from the various from the Cognos.Tried different kinds solution through cognos to find accurate solution.

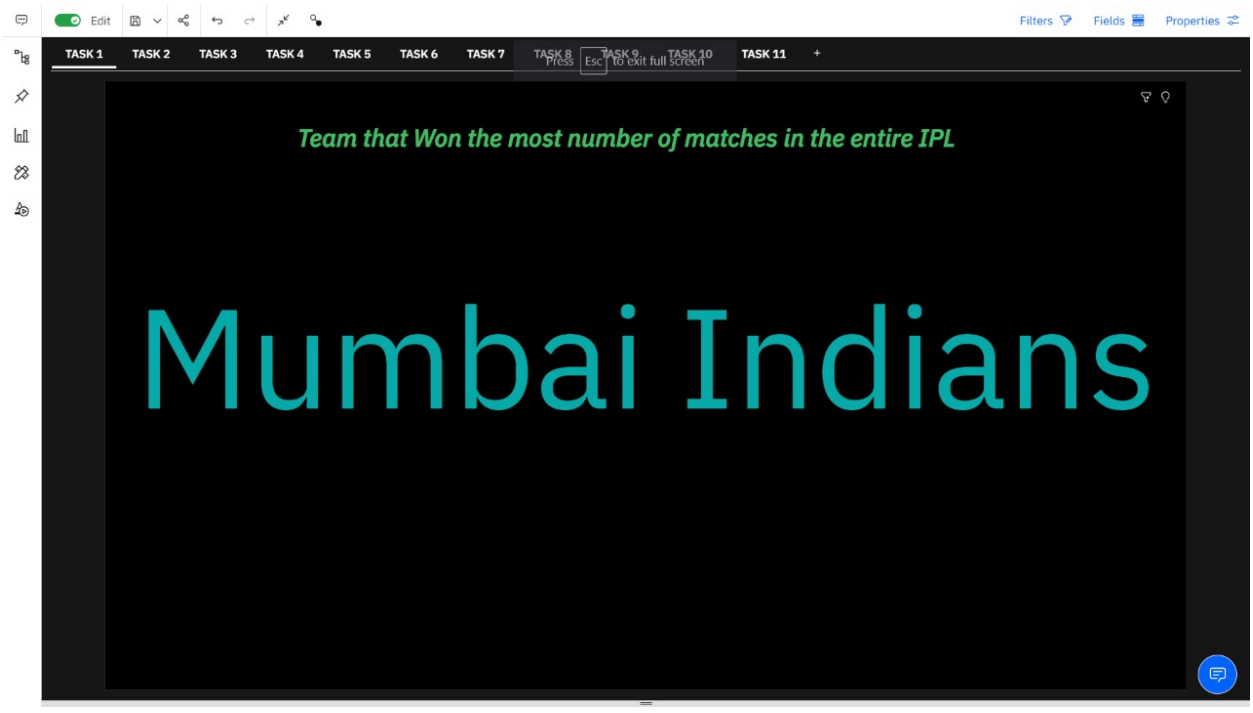
5 FLOWCHART



6 RESULT

The objective of this solution is to create a dashboard that visualizes the following capabilities and also forecasts the future results

1. To find the team that won the most number of matches in the entire IPL.
2. To find the team that lost the most number of matches in the entire IPL.
3. Does winning a toss increase the chances of victory.
4. To find the player with the most player of the match awards.
5. To find the city that hosted the maximum number of IPL matches.
6. To find the most winning team for each season.
7. To find the on-field umpire with the maximum number of IPL matches.
8. To find the biggest victories in IPL while defending a total and while chasing a total.
9. Which team won the most matches while batting first
10. Which team won the most matches while batting second
11. List of teams which have won matches by most runs cumulatively.

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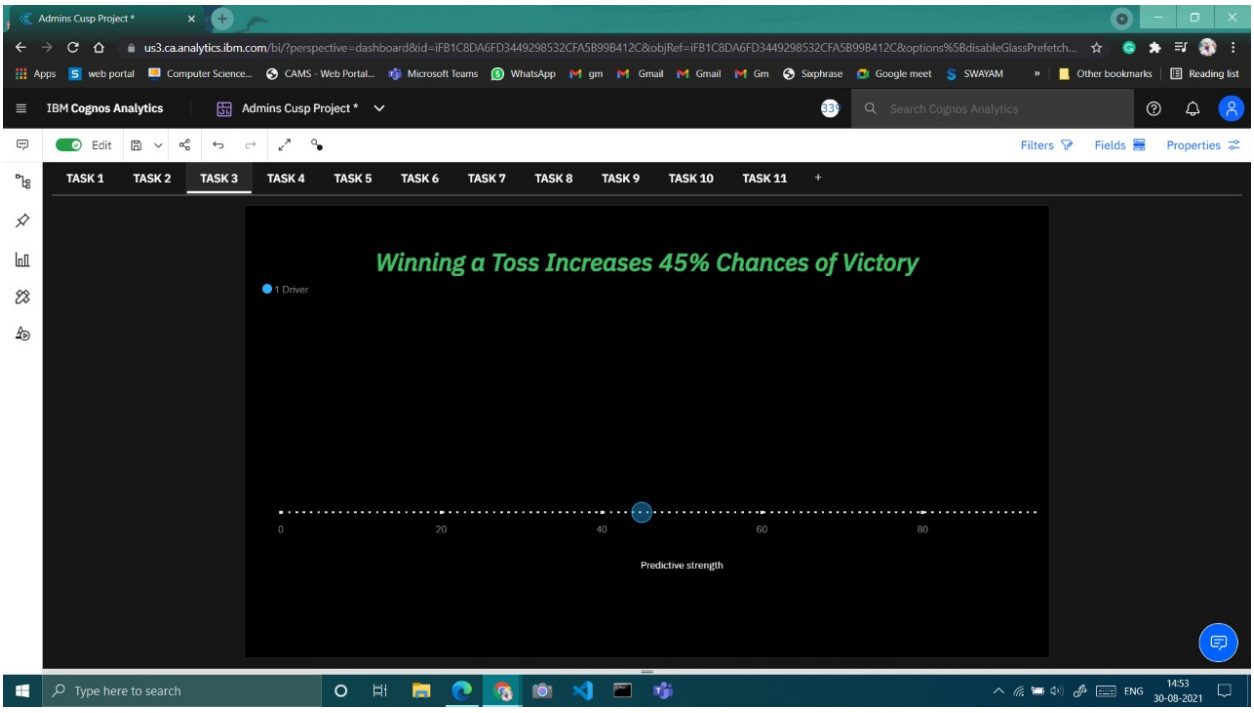
The team that lost the most number of matches in the entire IPL
Delhi Capitals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Computer Science...
CAMS - Web Portal...
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SWAYAM
Other bookmarks
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Winning a Toss Increases 45% Chances of Victory
1 Driver
0
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40
60
80
Predictive strength
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ENG
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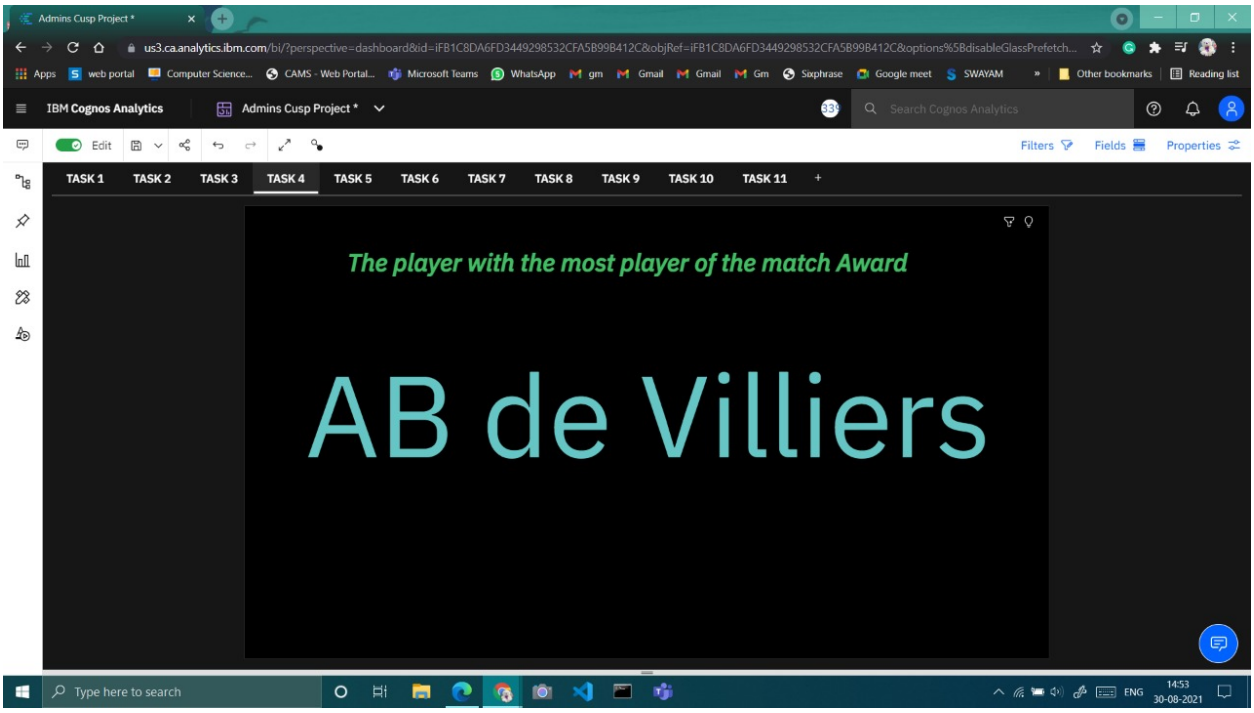
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The player with the most player of the match Award
AB de Villiers
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ENG
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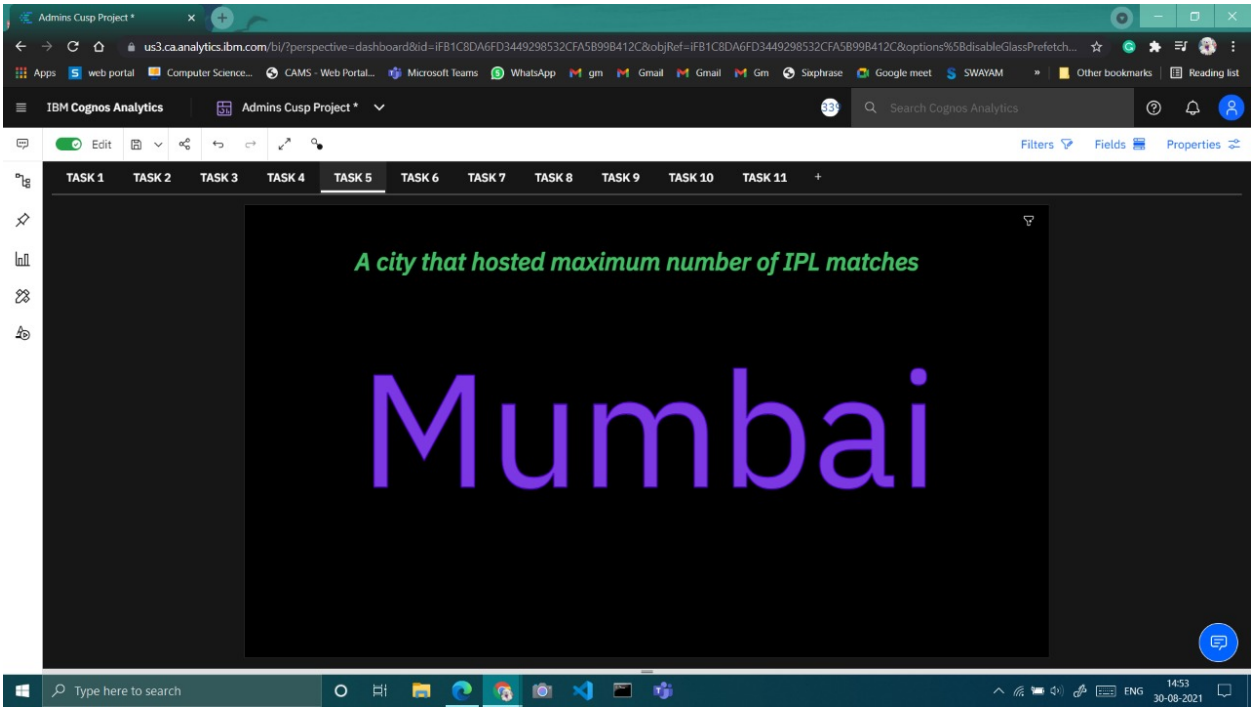
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A city that hosted maximum number of IPL matches
Mumbai
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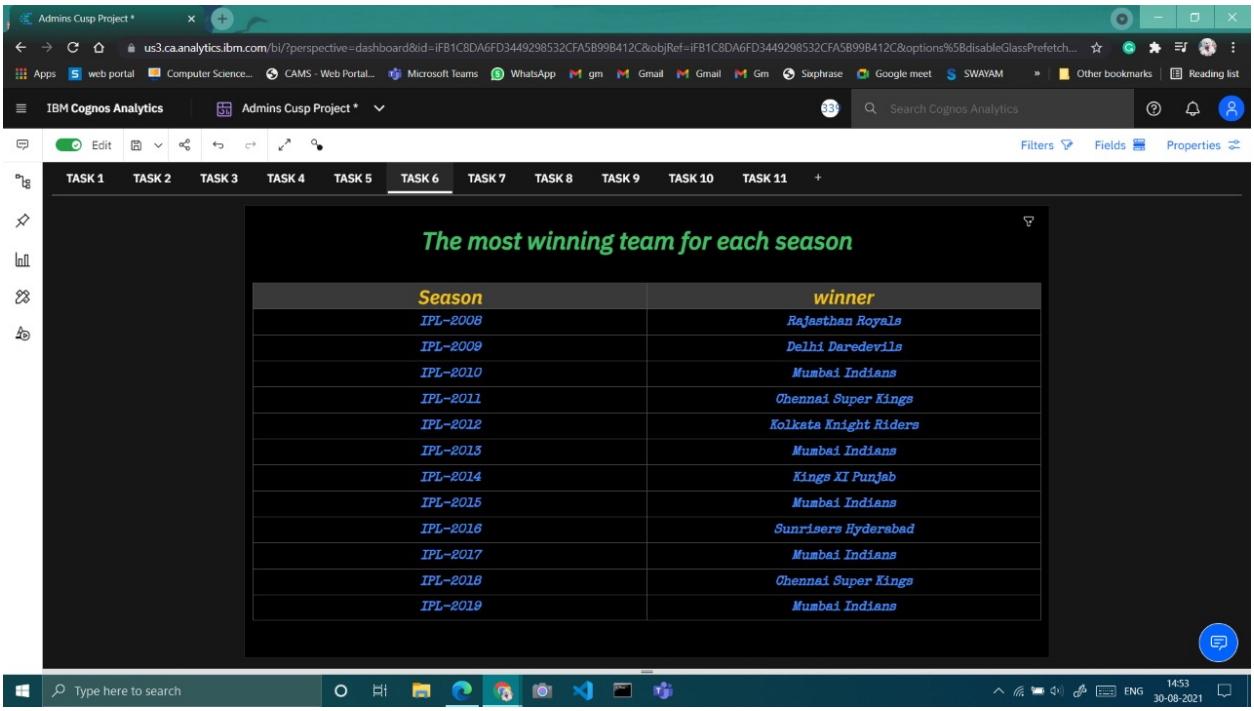
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TASK 11
The most winning team for each season
Season
winner
IPL-2008
Rajasthan Royals
IPL-2009
Delhi Daredevils
IPL-2010
Mumbai Indians
IPL-2011
Chennai Super Kings
IPL-2012
Kolkata Knight Riders
IPL-2013
Mumbai Indians
IPL-2014
Kings XI Punjab
IPL-2015
Mumbai Indians
IPL-2016
Sunrisers Hyderabad
IPL-2017
Mumbai Indians
IPL-2018
Chennai Super Kings
IPL-2019
Mumbai Indians
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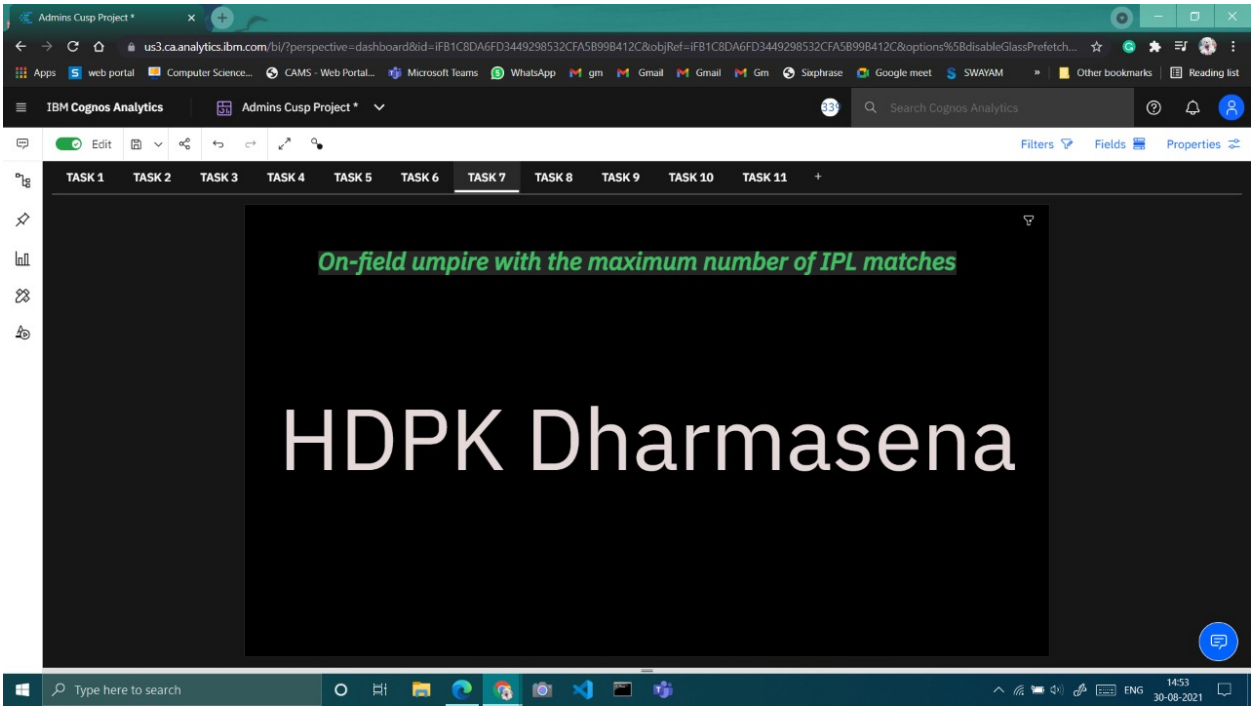
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On-field umpire with the maximum number of IPL matches
HDPK Dharmasena
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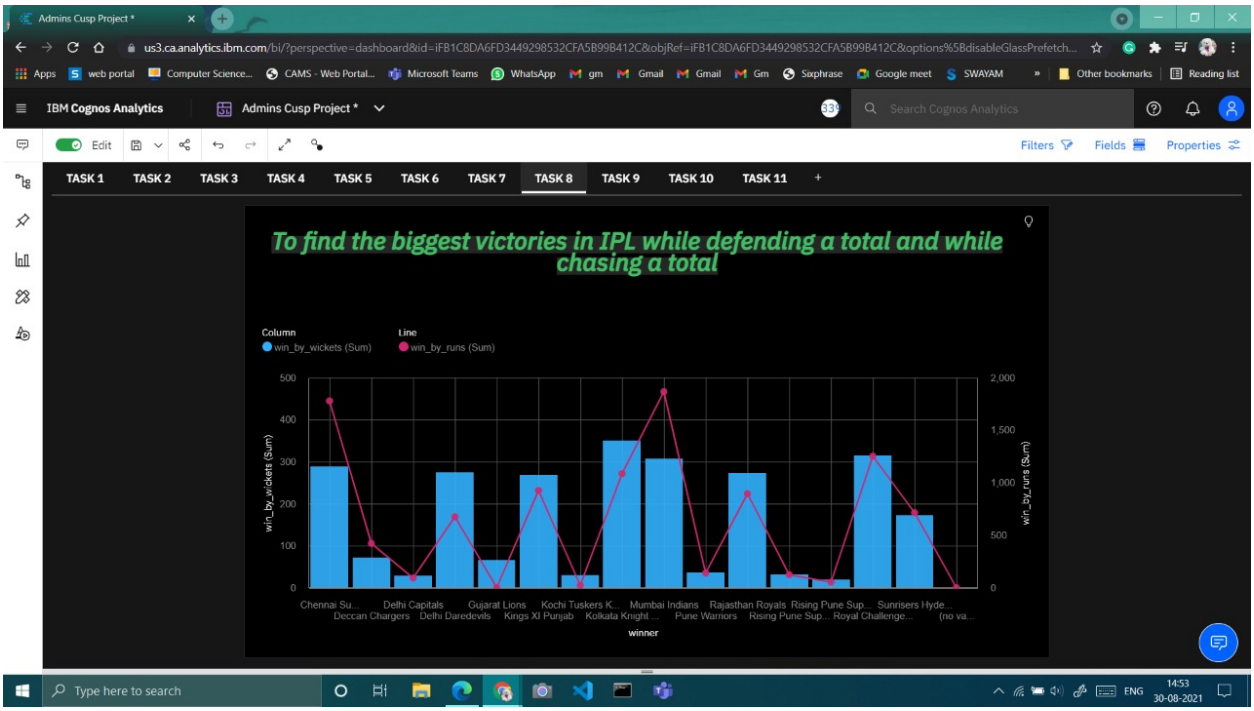
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To find the biggest victories in IPL while defending a total and while chasing a total
Column
win_by_wickets (Sum)
Line
win_by_runs (Sum)
win_by_wickets (Sum)
win_by_runs (Sum)
Chennai Su...
Delhi Capitals
Gujarat Lions
Kochi Tuskers K...
Mumbai Indians
Rajasthan Royals
Rising Pune Sup...
Sunrisers Hyde...
Deccan Chargers
Delhi Daredevils
Kings XI Punjab
Kolkata Knight ...
Pune Warriors
Rising Pune Sup...
Royal Challenge...
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winner
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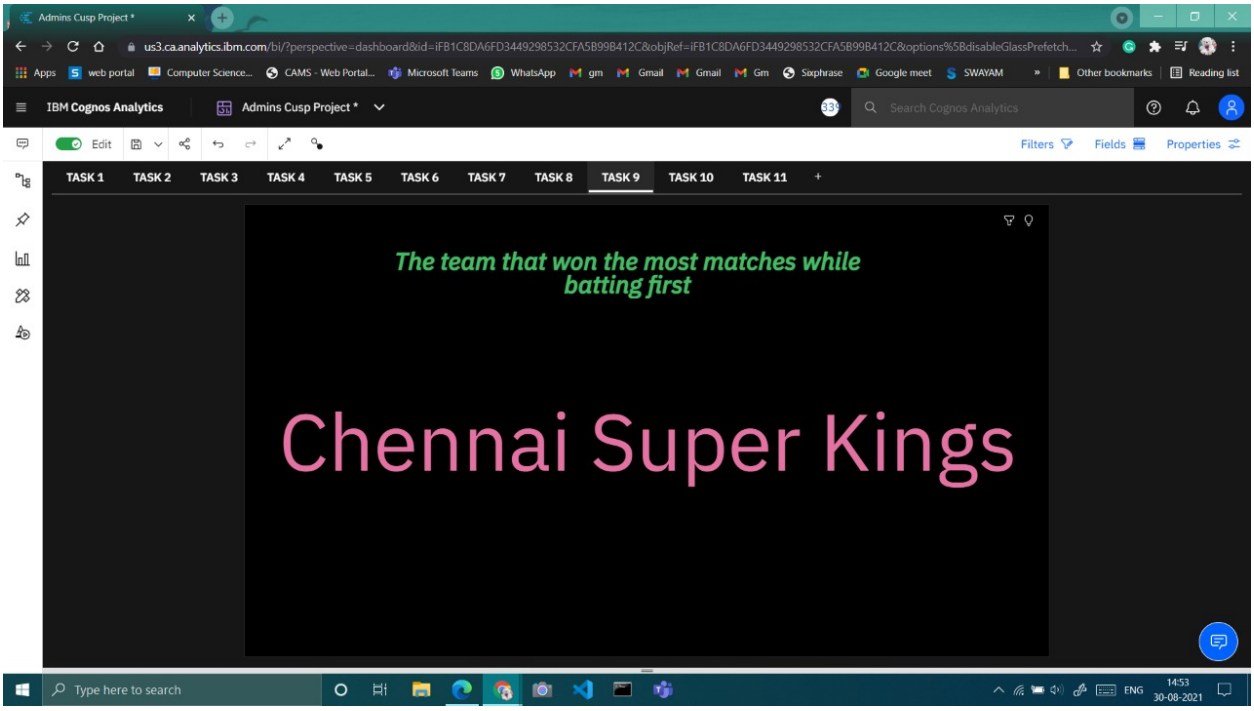
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The team that won the most matches while batting first
Chennai Super Kings
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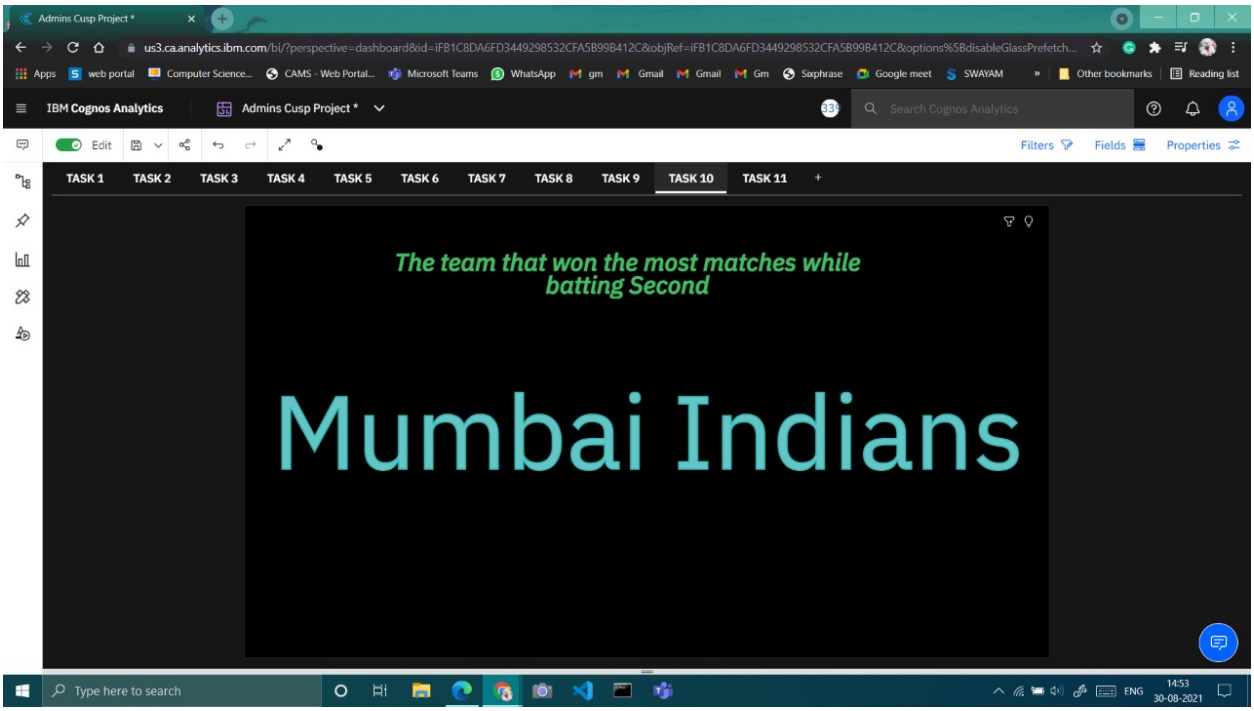
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The team that won the most matches while batting Second
Mumbai Indians
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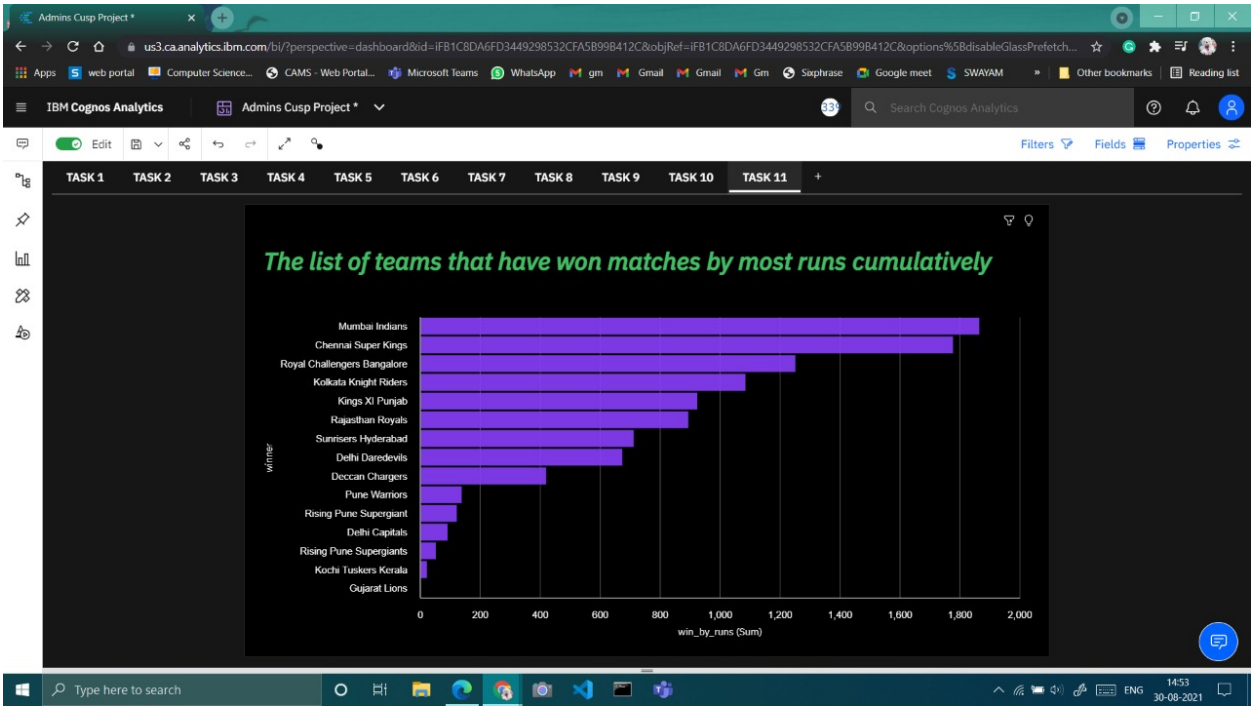
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TASK 11
The list of teams that have won matches by most runs cumulatively
Mumbai Indians
Chennai Super Kings
Royal Challengers Bangalore
Kolkata Knight Riders
Kings XI Punjab
Rajasthan Royals
Sunrisers Hyderabad
Delhi Daredevils
Deccan Chargers
Pune Warriors
Rising Pune Supergiant
Delhi Capitals
Rising Pune Supergiants
Kochi Tuskers Kerala
Gujarat Lions
winner
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200
400
600
800
1,000
1,200
1,400
1,600
1,800
2,000
win_by_runs (Sum)
Type here to search
ENG
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30-08-2021

7 ADVANTAGES & DISADVANTAGES

ADVANTAGES:

Diagramatical representations makes people to understand easily about our solutions easily.

More reliable Datas.

Easy to understand about data.

Accurate information.

User Friendly.

DISADVANTAGE

There is no more modules in the proposed system.

8 APPLICATIONS

Using of Diagramatical representations people to understand easily about our solutions easily.

Using of IBM COGNOS ANALYTICS makes creator easily update about future update Solutions need by people.

9 CONCLUSION

Thus the project is created a dashboard which predicts the Indian Premier League that visualizes some of the capabilities like finding the team that won the most number of matches in the entire IPL, find the team that lost the most number of matches in the entire IPL, etc... and also analysed such vast amounts of data which will give great insights in forecasting match results ,top scores, city hosted mostly and wicket takers.

10 FUTURE SCOPE

This model is used for predicting the outcome of the match based on historic data. During the extraction of features various features has been involved but most important features has been taken during prediction. Using a team structure in terms of slots which defines most important slots contributing to match winning and a ranking system for the players through their performance statistics. We are using algorithms to cluster all players according to their performance and used to find interchangeable player to a particular player.

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