IPL-Dataset-Visualization-using-Tableau

Problem Statement

The Indian Premier League, or IPL, is a T20 cricket league, which was founded in 2008 and is held every year. It sees participation from both national and international players, and eight teams representing eight Indian cities compete in a double round-robin format in the league stages, which are followed by playoffs. Over the years, IPL has become one of the most watched and most attended live sporting events all over the world.

You work as a data analyst at IFP, a nationally recognized news agency, which is based out of New Delhi, and provides news reports and feeds to magazines, newspapers, and TV broadcasters all over the country. The Sports Editor of the agency has approached you to build a Tableau dashboard of IPL statistics over the years since its inception to create an infographic for a newsletter that their team is working on. For this newsletter, in some cases, they will use the visual representations for their infographic, and in a few other cases, they will use important statistics after trying out the different filters and customizations that you have provided for interactivity. Therefore, you are expected to build an interactive dashboard in Tableau for this purpose.

Datasets provided

1.IPL Matches 2008-2020 - It contains match-level information for each, and every match held in IPL from 2008 to 2020.

2. IPL Ball by Ball 2008-2020 - It contains ball-by-ball information for each of the matches.

Each row in IPL Matches 2008-2020 data set contains

1. Match related information (batting team vs bowling team)

2. Player information (Bowler, Batsman, Non-striker)

3. Delivery information (Runs scored, Wickets, Extras, etc.)

Each row in IPL Ball by Ball 2008-2020 data set contains:

1. Match specifics (umpires, ground, etc.)

2. Results (which team won, win type, player of the match, etc.)

Player Statistics

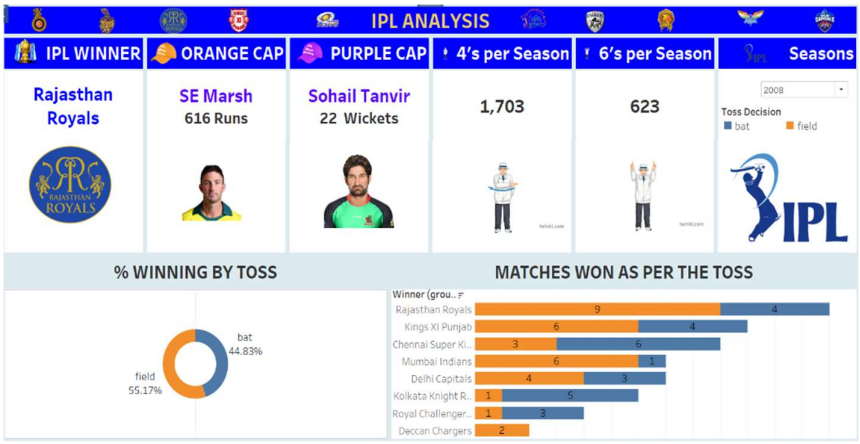
1. Orange Cap contenders (The batsmen who have scored the maximum number of runs in a particular season)

2. Purple Cap contenders (The bowlers who have taken the maximum number of wickets in a particular season)

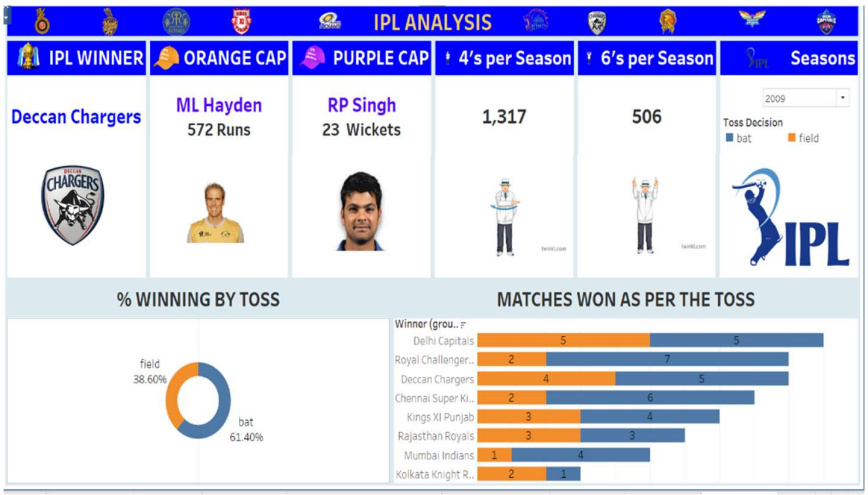
3. Batsmen who have hit the most number of fours and sixes (per season and overall)

Year Wise IPL Analysis

2008



2009



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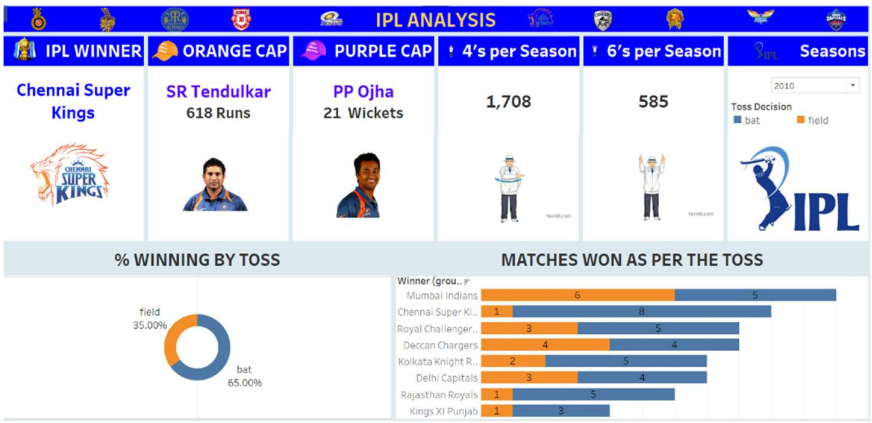

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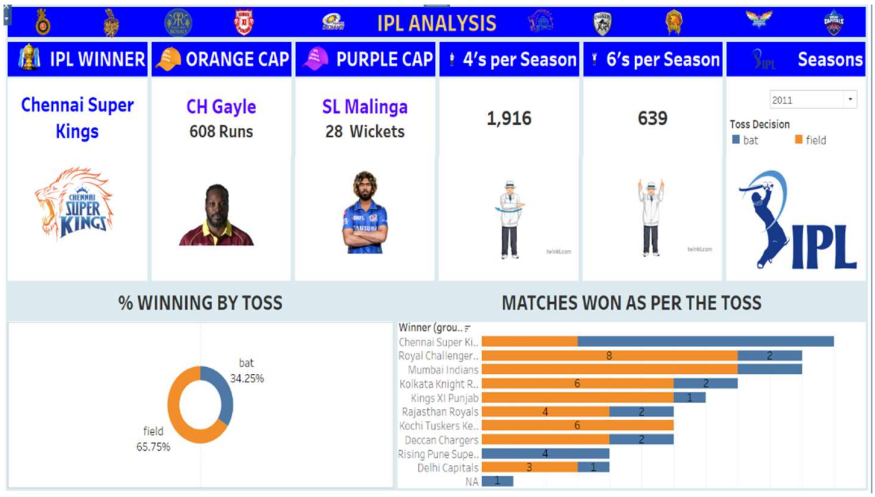

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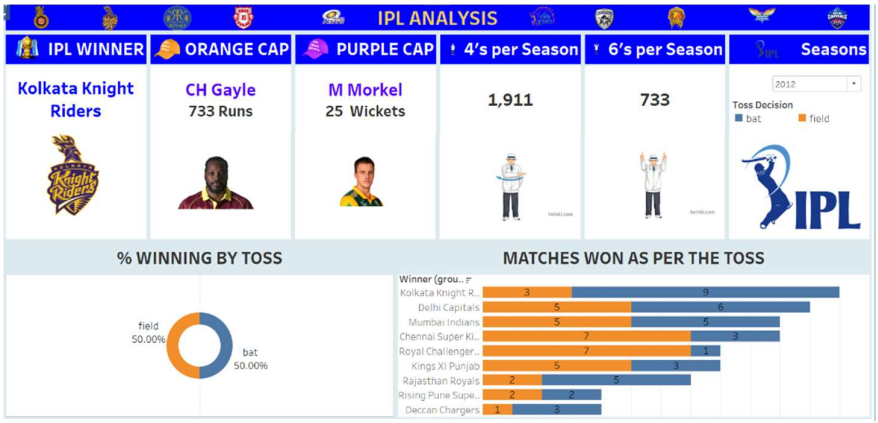

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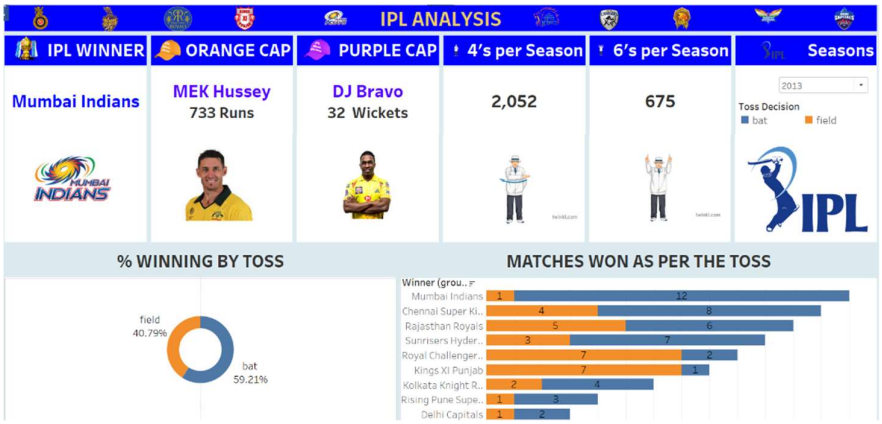

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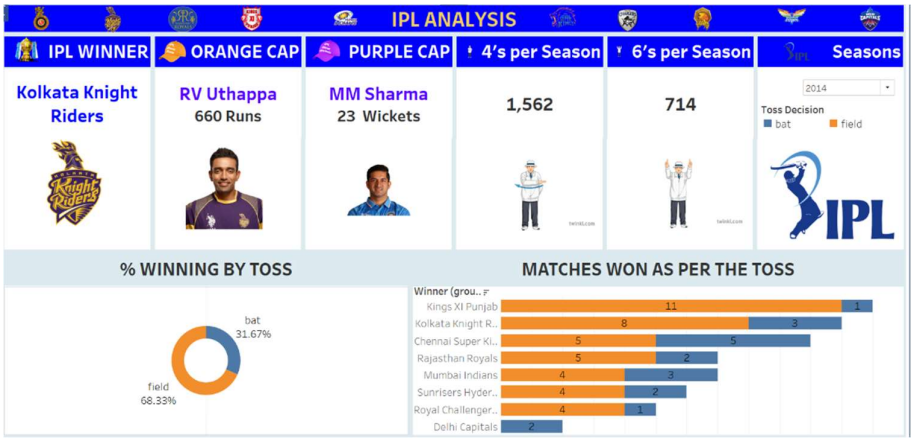

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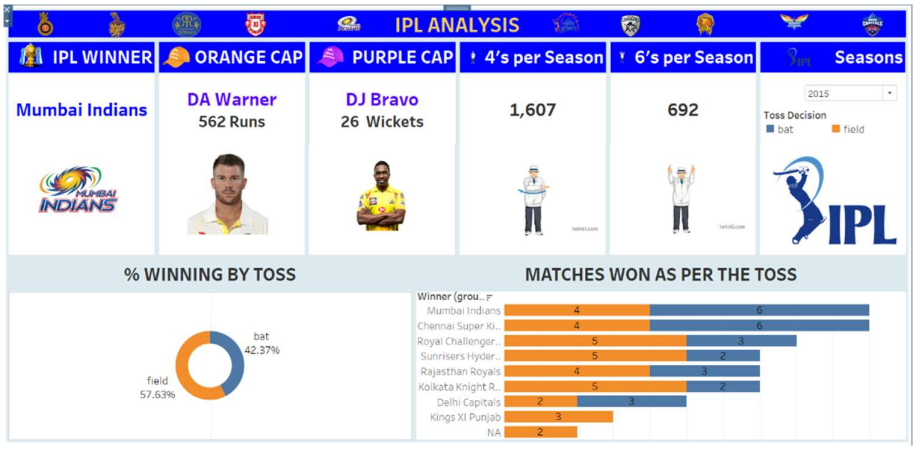

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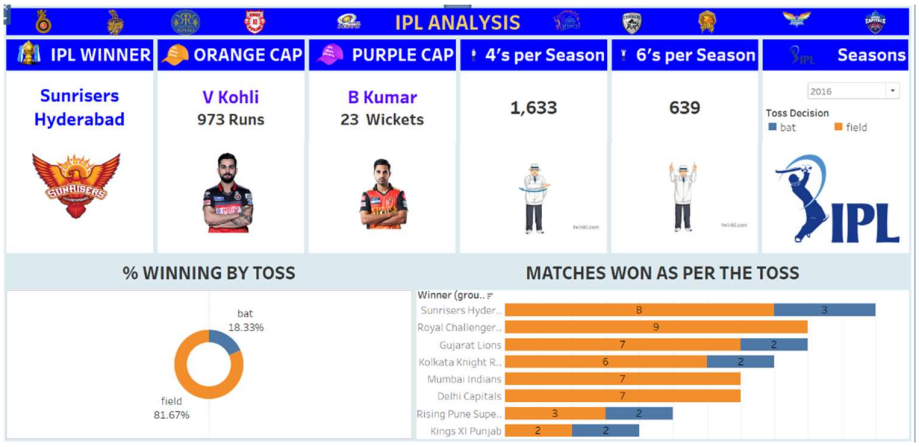

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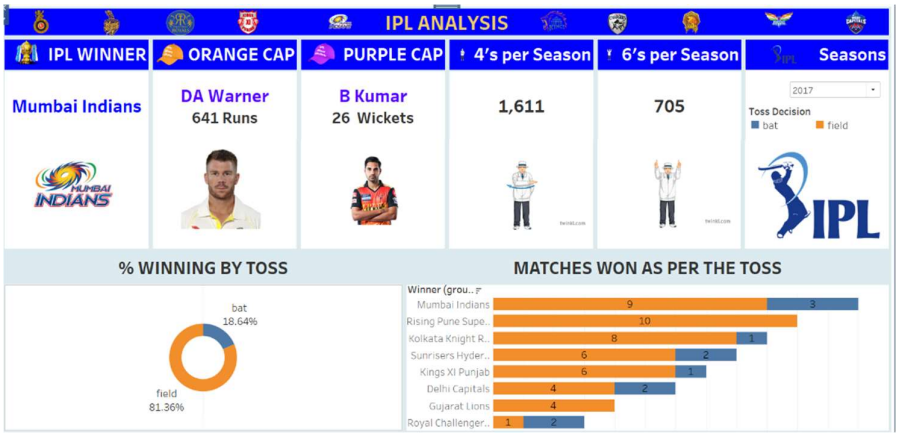

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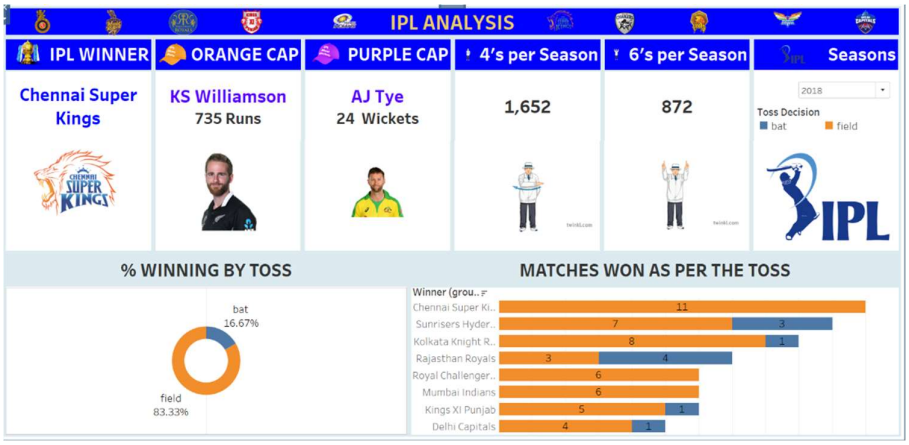
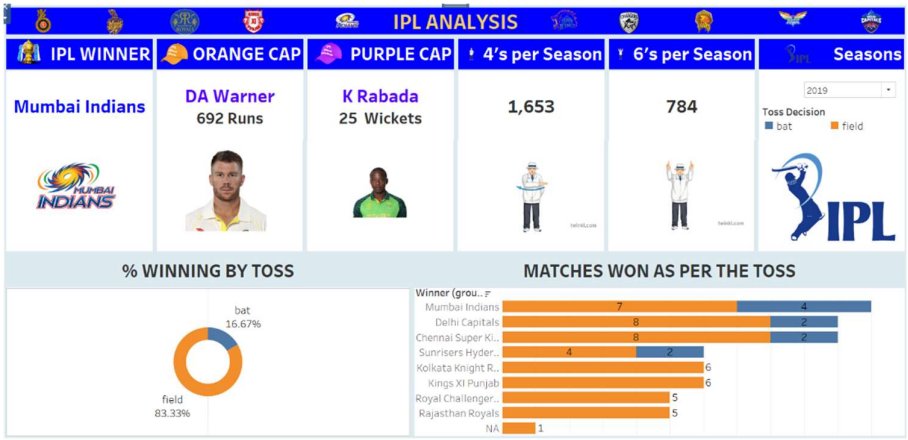
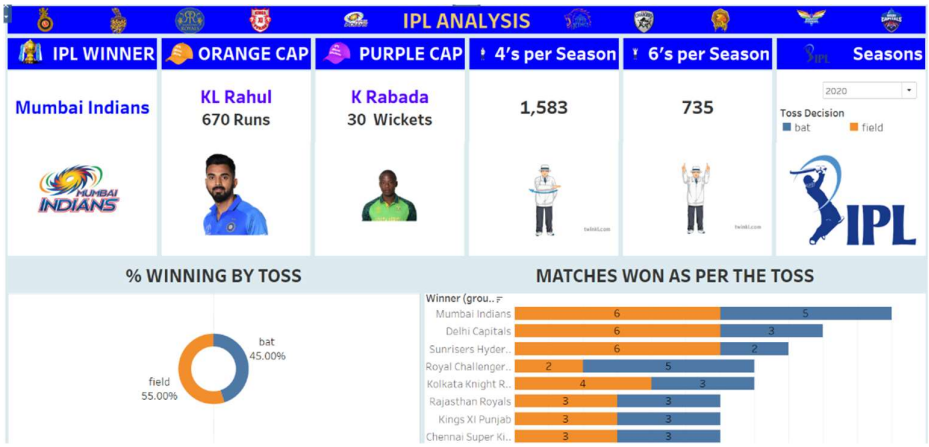


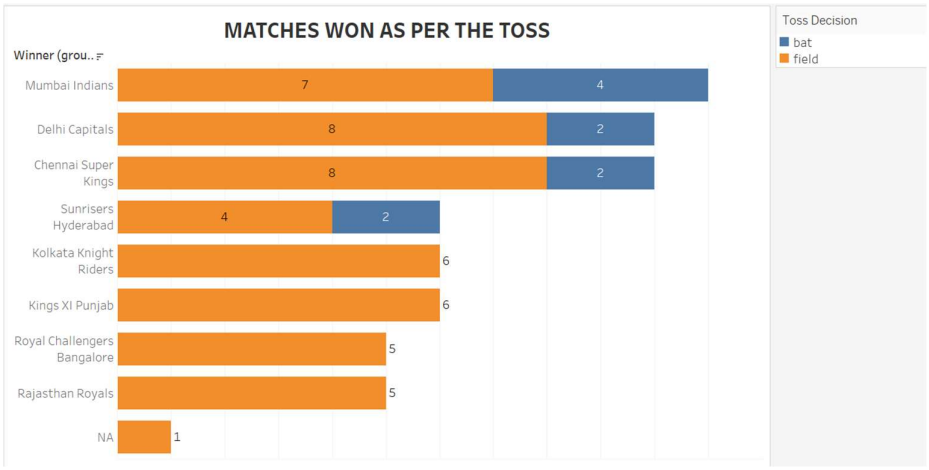
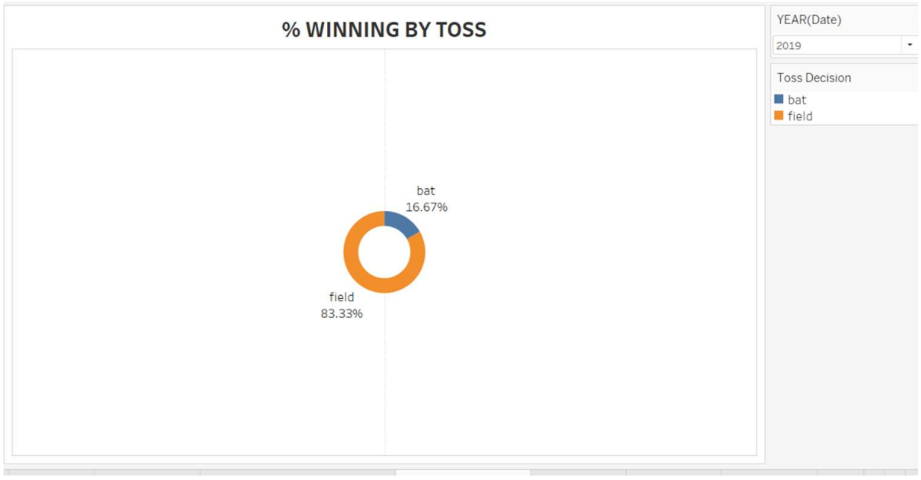
2019



2020



MATCHES WON AS PER THE TOSS



% WINNING BY TOSS