


# IPL CASE STUDY

## -IPL TITLE WINNER

IPL TITLE WINNER	
Mumbai Indians	


## IPL TITLE WINNER IMAGE

IPL TITLE WINNER (2)	
	

## ORANGE CAP HOLDER

ORANGE CAP		YEAR(Date)
<div>KL Rahul</div> <div>670 RUNS</div>		2020
		Batsman: KL Rahul Batsman Runs: 670


## ORANGE CAP HOLDER IMAGE

ORANGE CAP (2)	YEAR(Date)
	2020
	Batsman KL Rahul

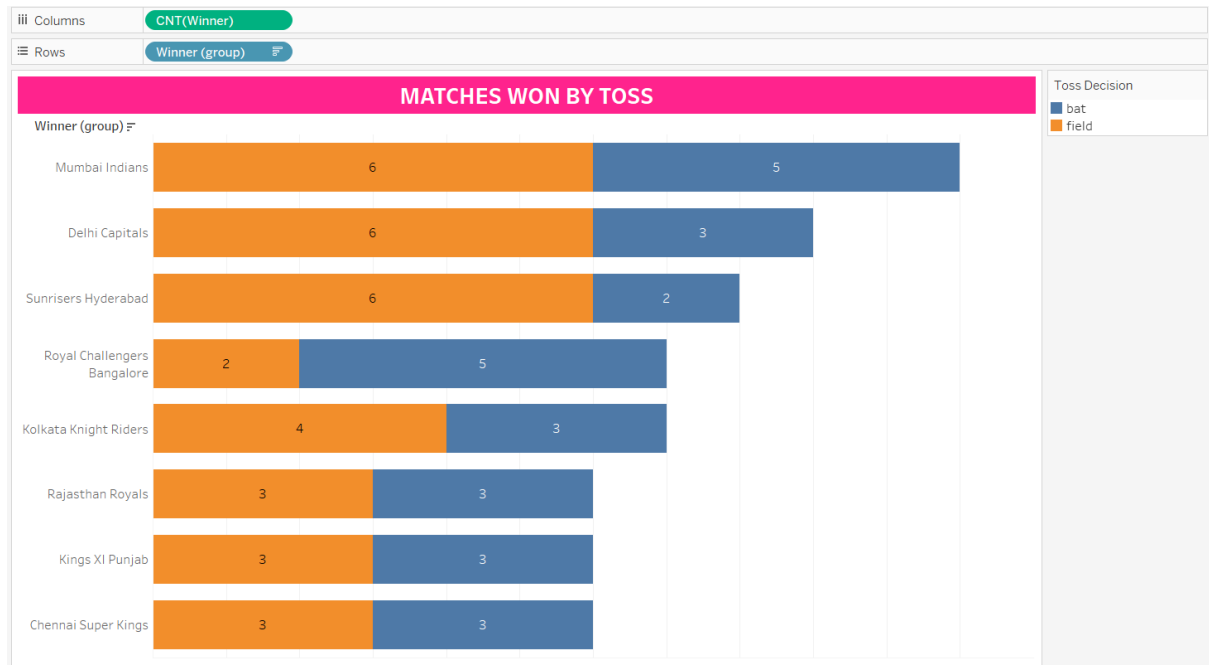
# PURPLE CAP HOLDER

PURPLE CAP		YEAR(Date) 2020
<div><div>Bowler: K Rabada Is Wicket: 30</div><div>K Rabada 30 WICKETS</div></div>		

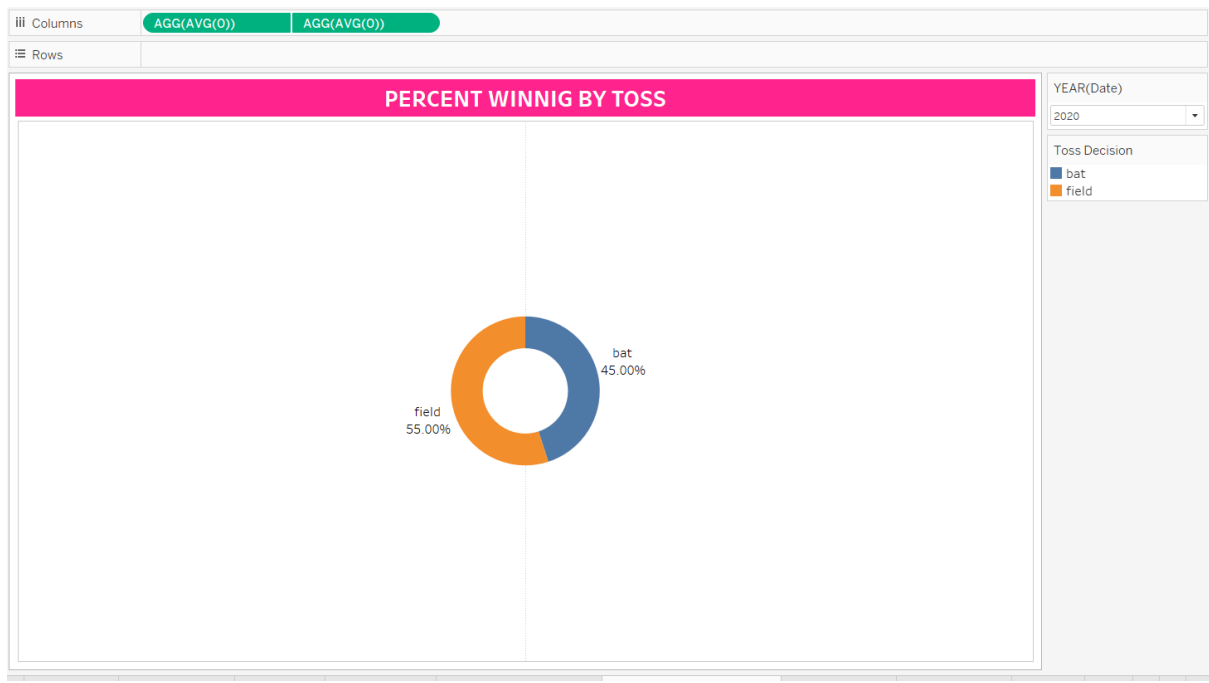
# PURPLE CAP HOLDER IMAGE

PURPLE CAP (2)	YEAR(Date) 2020
	Bowler K Rabada

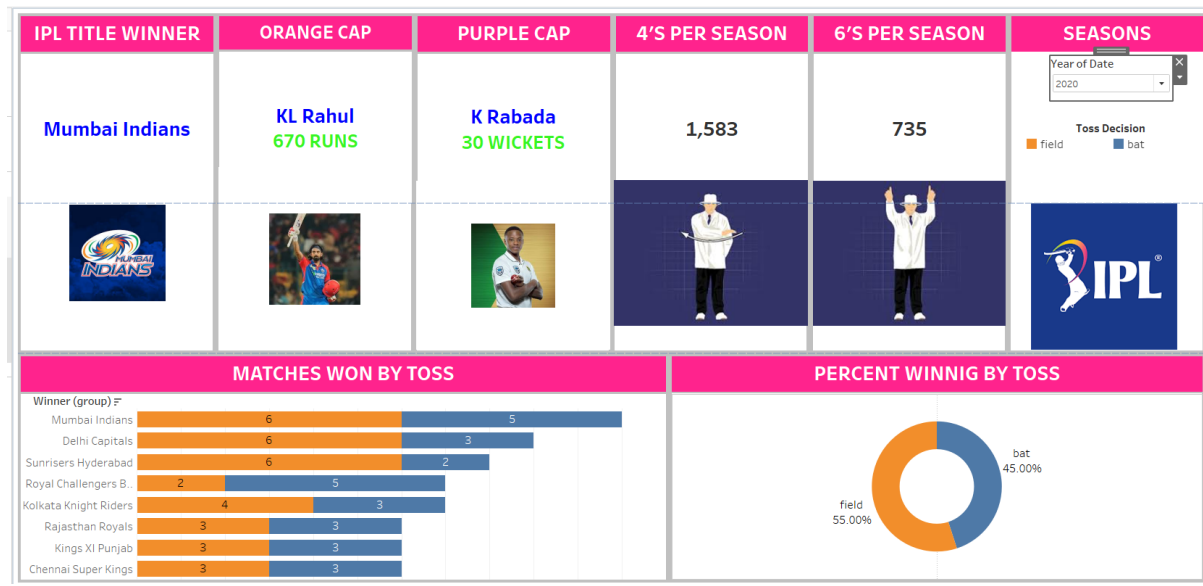
## MATCH WON BY TOSS



## PERCENT OF WINNING BY TOSS



# IPL ANALYSIS DASHBOARD



## SUMMARY-

### 1. Data Collection

- Imported the IPL dataset into Tableau Public (Data about Winners, Orange Cap, Purple Cap, Toss Decisions, 4's, and 6's).
- Verified the data types for fields like Team Name, Runs, Wickets, Year, Toss Decision, etc.

### 2. Data Preparation

- Performed any necessary cleaning (e.g., renaming columns, formatting numbers, checking nulls).
- Created calculated fields if needed (e.g., Total 4's, Total 6's, Percent Winning by Toss).

### 3. Sheet Creation

Prepared multiple individual sheets:

- Winner (IPL Title Winner): A sheet displaying the champion team for the selected year.
- Orange Cap: Displayed player name and runs scored (KL Rahul - 670 runs).
- Purple Cap: Displayed player name and wickets taken (K Rabada - 30 wickets).
- 4's Per Season: A card showing total 4's hit in the season (1583).

- 6's Per Season: A card showing total 6's hit in the season (735).
- Matches Won by Toss: A horizontal stacked bar chart showing matches won after winning toss for each team.
- Percent Winning by Toss: A donut chart showing toss decision preferences (bat or field).

#### 4. Dashboard Assembly

- Created a new Dashboard and dragged and dropped all sheets.
- Organized the layout: Placed key metrics at the top (Title Winner, Orange Cap, Purple Cap, 4's, 6's), and visualizations below (Matches Won by Toss, Percent Winning by Toss).
- Used Tiled layout for structured arrangement.
- Added team/player images for a better visual appeal.

#### 5. Filters and Interactivity

- Added a Season Filter (Year) as a dropdown to dynamically change dashboard content based on selected season.
- Ensured all sheets are connected to the filter properly.

#### 6. Formatting

- Gave clear titles for each section (IPL Title Winner, Orange Cap, Purple Cap, etc.).
- Used color coding for easier reading (e.g., orange and blue in bar charts).
- Properly sized fonts and aligned charts for better visual balance.
- Used icons/images (like umpire for 4's and 6's) to make the dashboard more engaging.

### **Key Insights Your Dashboard Shows**

- Mumbai Indians won the IPL title that season.
- VIRAT KHOLI scored the most runs (Orange Cap).
- SL MALINGA took the most wickets (Purple Cap).
- More players chose to field after winning toss (55%).
- Number of 4's and 6's hit in the season (21908 and 8902 respectively).