Super Predictor of Indian Premier League (IPL)

Team Name

Sportech

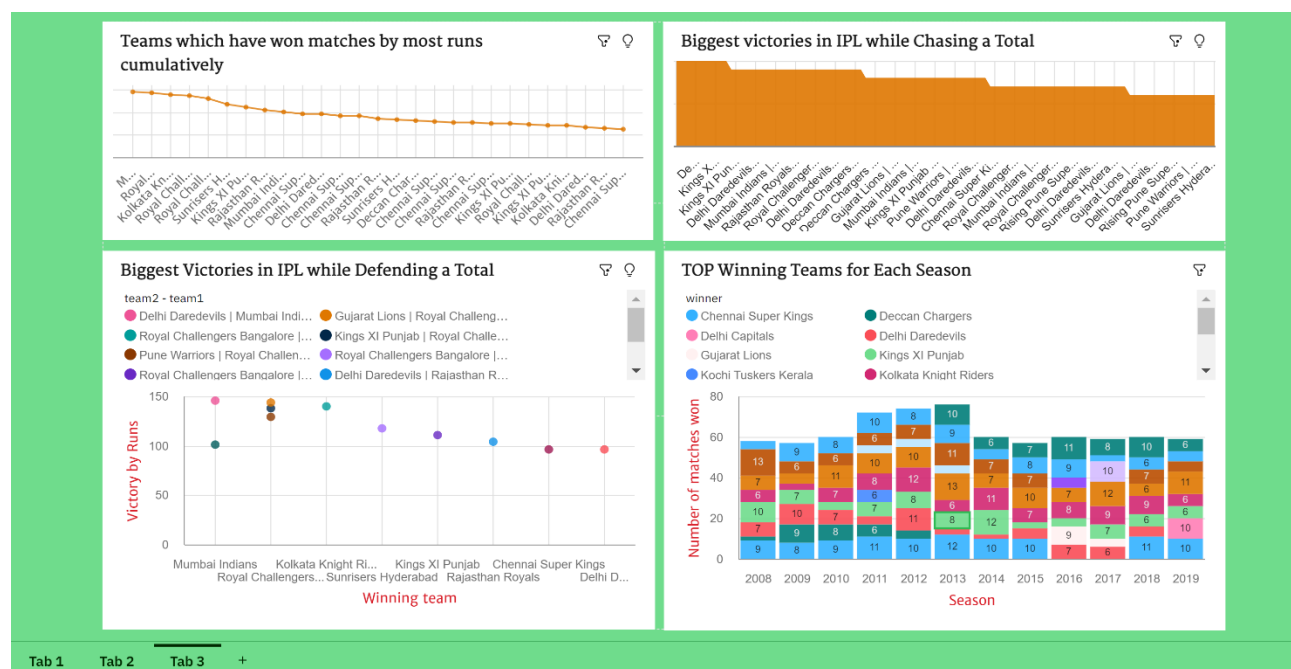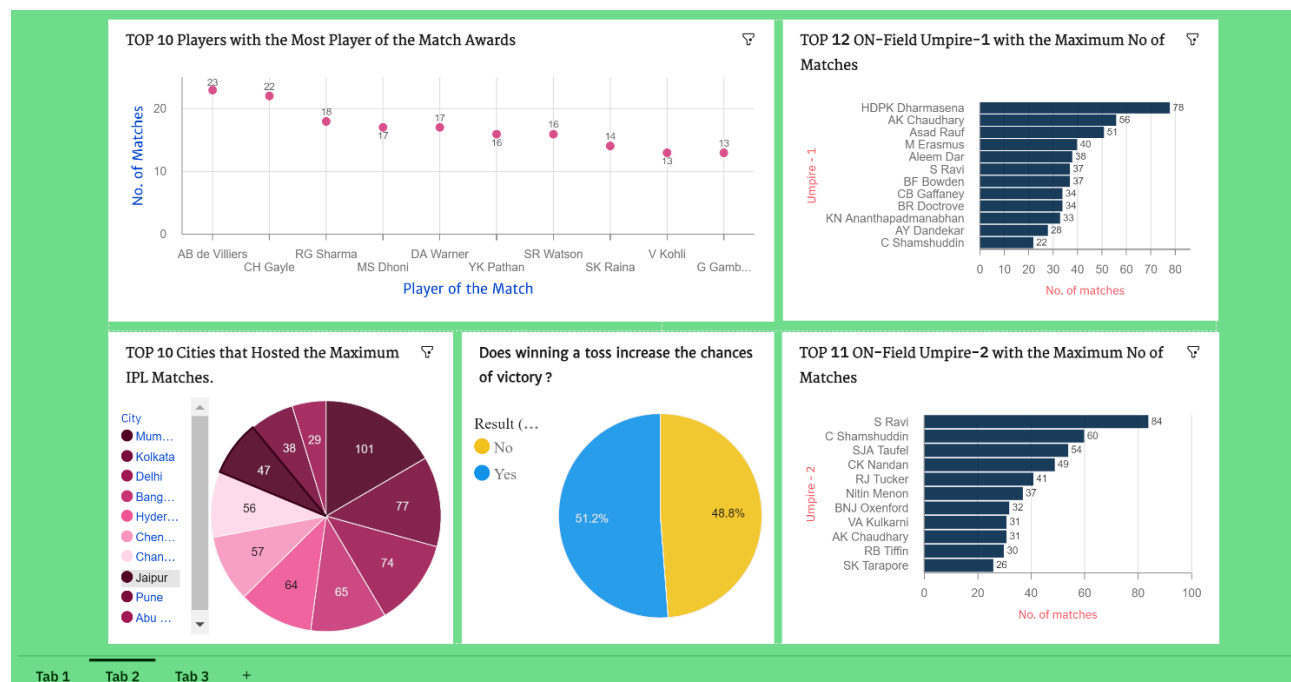Team Leader   : Aashrita Mutkiri

Team Member : Aditi Jadhav

Team Member : Sana Hungund

Problem Statements

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.
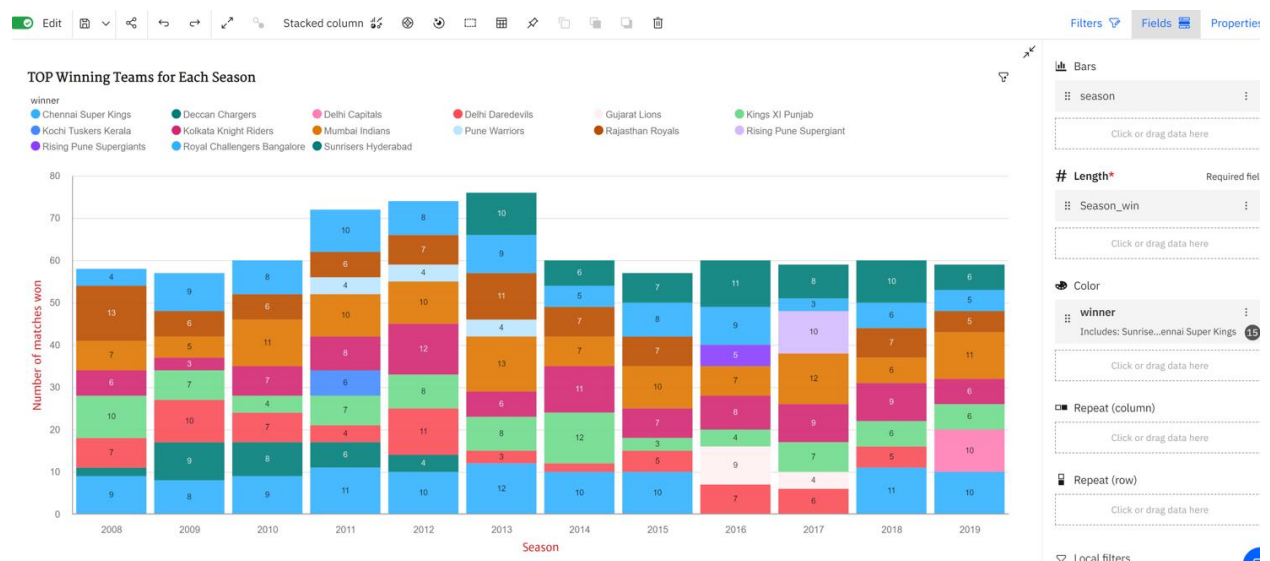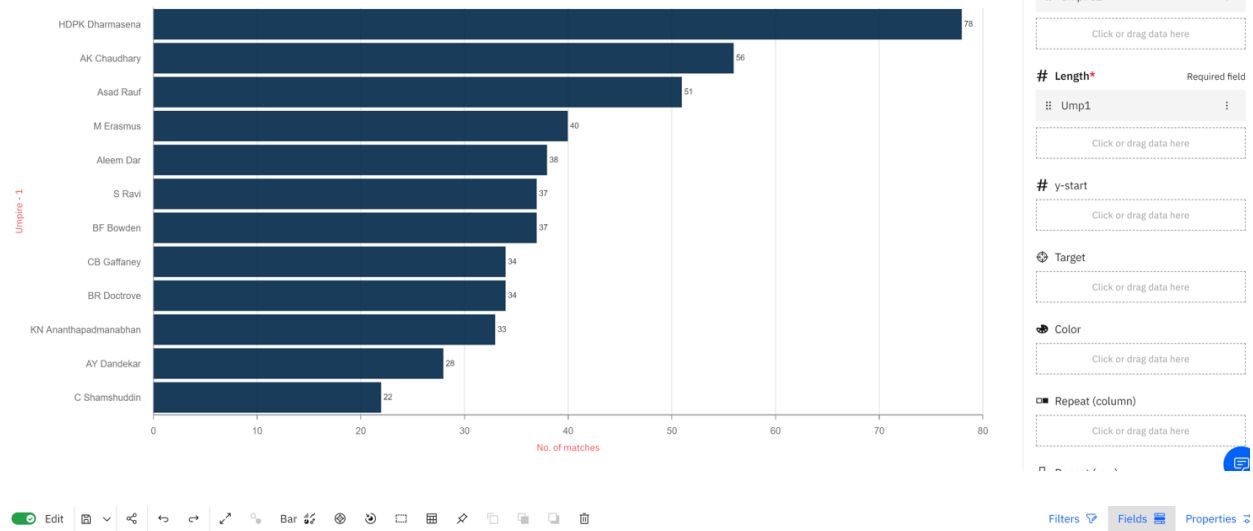
7. To find the on-field umpire with the maximum number of IPL matches.
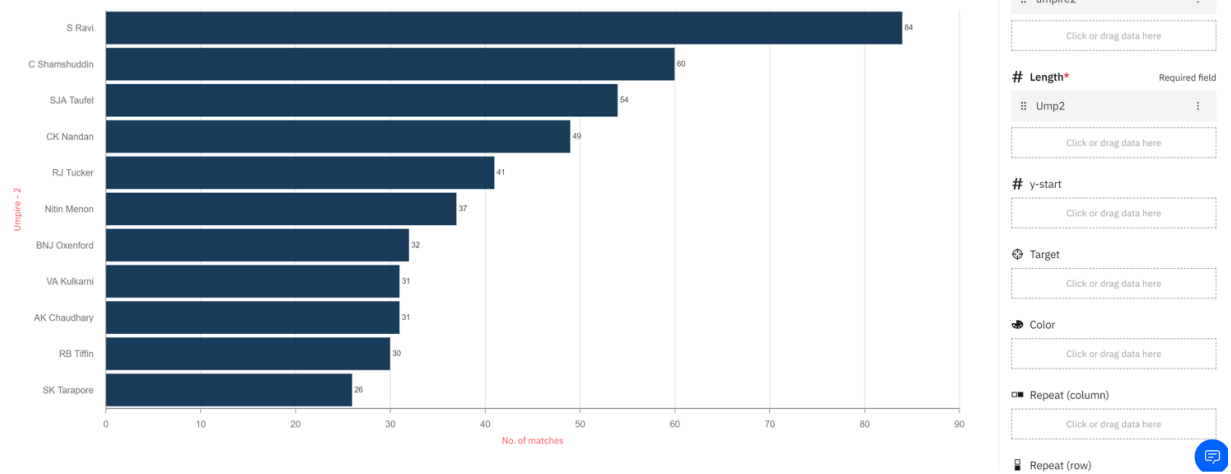
8. To find the biggest victories in IPL while defending a total and while chasing a total.
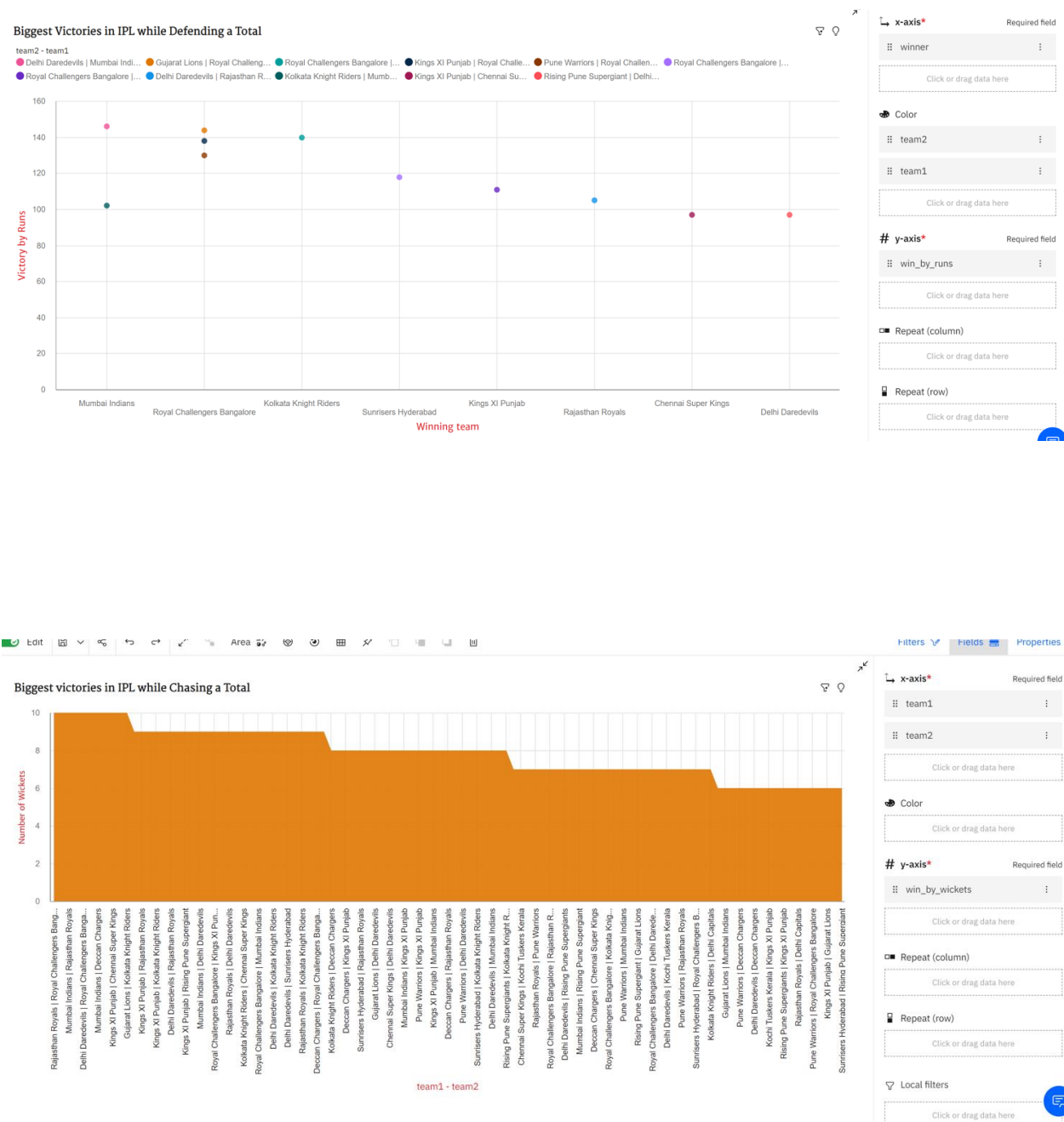
9. Which team won the most matches while batting first.

10. Which team won the most matches while batting second.

11. List of teams which have won matches by most runs cumulatively

Solution

IPL — INDIAN PREMIER LEAGUE

Total Matches
816

Total Runs
235K

Total Wickets
9.5K

TOP 3 TEAMS THAT WON THE MOST NUMBER OF MATCHES

Team
- Mumba…
- Kolkata…
- Chenn…

No of matches won: 99, 106, 120

Team

TOP 3 TEAMS THAT LOST THE MOST NUMBER OF MATCHES

Team
- Delhi Dar…
- Rajasthan…
- Sunrisers …

No of matches won: 66, 67, 81

Team

TOP 5 TEAMS THAT WON THE MOST MATCHES WHILE BATTING SECOND

Team
- Royal …
- Mumb…
- Kolkat…
- Kings …
- Chenn…

Toss Decision: field

No of matches won: 60, 70, 61, 64, 51

TOP 5 TEAMS THAT WON THE MOST MATCHES WHILE BATTING FIRST

Team
- Royal …
- Rajast…
- Mumb…
- Kolkat…
- Chenn…

Toss Decision: bat

No of matches won: 31, 37, 50, 38, 55

Tab 1 Tab 2 Tab 3 +

TOP 10 Players with the Most Player of the Match Awards

No. of Matches

23   22   18   17   17   16   16   14   13   13

AB de Villiers   CH Gayle   RG Sharma   MS Dhoni   DA Warner   YK Pathan   SR Watson   SK Raina   V Kohli   G Gamb...

Player of the Match

TOP 12 ON-Field Umpire-1 with the Maximum No of Matches

Umpire - 1

Umpire	No. of matches
HDPK Dharmasena	78
AK Chaudhary	56
Asad Rauf	51
M Erasmus	40
Aleem Dar	38
S Ravi	37
BF Bowden	37
CB Gaffaney	34
BR Doctrove	34
KN Ananthapadmanabhan	33
AY Dandekar	28
C Shamshuddin	22

No. of matches

TOP 10 Cities that Hosted the Maximum IPL Matches.

City
- Mum...
- Kolkata
- Delhi
- Bang...
- Hyder...
- Chen...
- Chan...
- Jaipur
- Pune
- Abu ...

101, 77, 74, 65, 64, 57, 56, 47, 38, 29

Does winning a toss increase the chances of victory ?

Result (...
- No
- Yes

51.2%   48.8%

TOP 11 ON-Field Umpire-2 with the Maximum No of Matches

Umpire - 2

Umpire	No. of matches
S Ravi	84
C Shamshuddin	60
SJA Taufel	54
CK Nandan	49
RJ Tucker	41
Nitin Menon	37
BNJ Oxenford	32
VA Kulkarni	31
AK Chaudhary	31
RB Tiffin	30
SK Tarapore	26

No. of matches

Tab 1   Tab 2   Tab 3   +

Teams which have won matches by most runs cumulatively

Biggest victories in IPL while Chasing a Total

Biggest Victories in IPL while Defending a Total

team2 - team1
- Delhi Daredevils | Mumbai Indi...
- Gujarat Lions | Royal Challeng...
- Royal Challengers Bangalore |...
- Kings XI Punjab | Royal Challe...
- Pune Warriors | Royal Challen...
- Royal Challengers Bangalore |...
- Royal Challengers Bangalore |...
- Delhi Daredevils | Rajasthan R...

Victory by Runs

150, 100, 50, 0

Mumbai Indians   Kolkata Knight Ri...   Kings XI Punjab   Chennai Super Kings
Royal Challengers...   Sunrisers Hyderabad   Rajasthan Royals   Delhi D...

Winning team

TOP Winning Teams for Each Season

winner
- Chennai Super Kings
- Deccan Chargers
- Delhi Capitals
- Delhi Daredevils
- Gujarat Lions
- Kings XI Punjab
- Kochi Tuskers Kerala
- Kolkata Knight Riders

Number of matches won

80, 60, 40, 20, 0

2008   2009   2010   2011   2012   2013   2014   2015   2016   2017   2018   2019
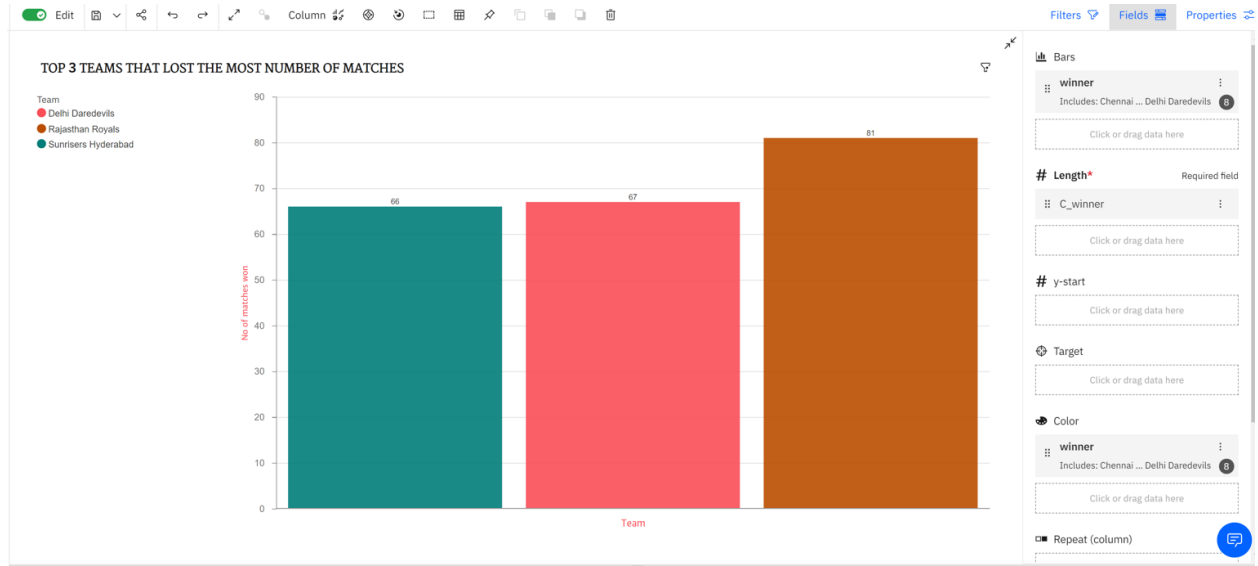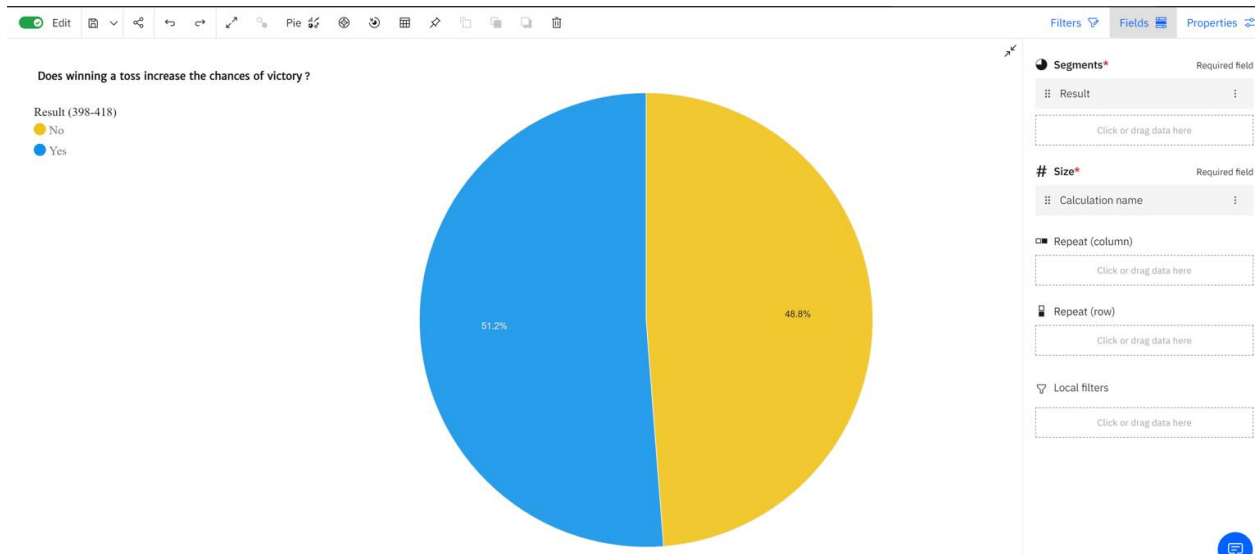
Season

Tab 1   Tab 2   Tab 3   +

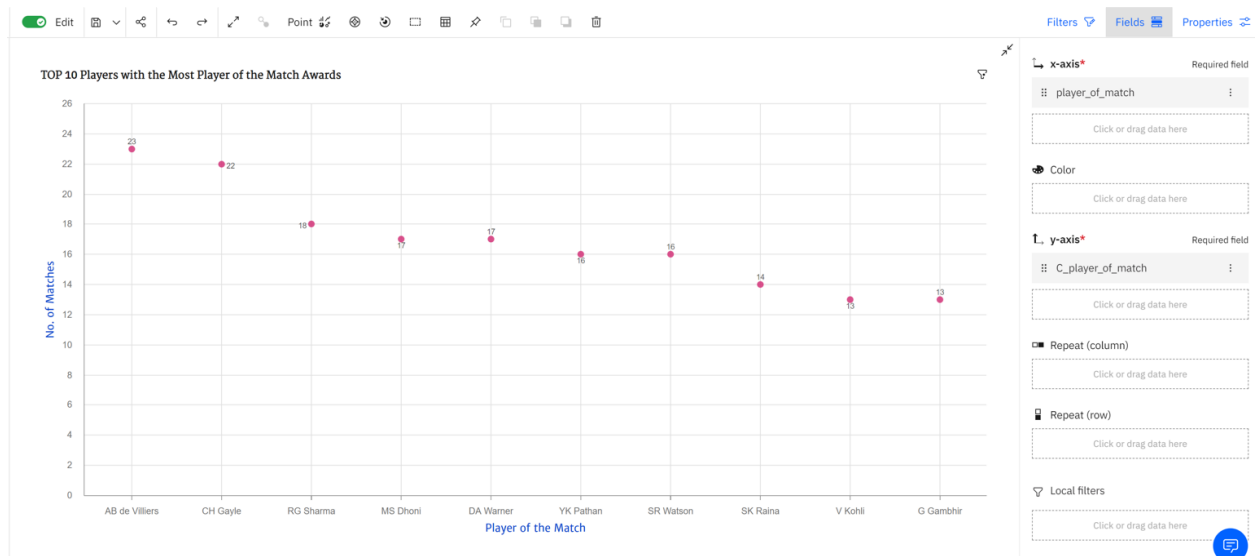**1. To find the team that won the most number of matches in the entire IPL.**

2. To find the team that lost the most number of matches in the entire IPL.
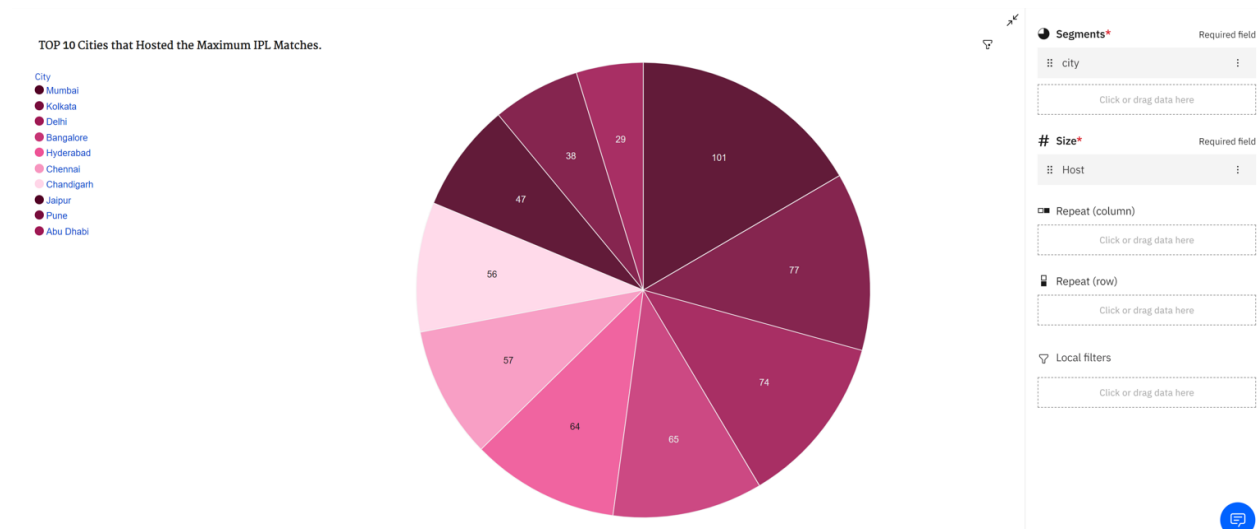
## 3. Does winning a toss increase the chances of victory.

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.

TOP 10 Cities that Hosted the Maximum IPL Matches.

City
- Mumbai
- Kolkata
- Delhi
- Bangalore
- Hyderabad
- Chennai
- Chandigarh
- Jaipur
- Pune
- Abu Dhabi

(Pie chart values: 101, 77, 74, 65, 64, 57, 56, 47, 38, 29)

Segments* — Required field
- city

Size* — Required field
- Host

Repeat (column)
Click or drag data here

Repeat (row)
Click or drag data here

Local filters
Click or drag data here

6. To find the most winning team for each season.

Edit | Stacked column | Filters | Fields | Properties

TOP Winning Teams for Each Season

winner
- Chennai Super Kings
- Deccan Chargers
- Delhi Capitals
- Delhi Daredevils
- Gujarat Lions
- Kings XI Punjab
- Kochi Tuskers Kerala
- Kolkata Knight Riders
- Mumbai Indians
- Pune Warriors
- Rajasthan Royals
- Rising Pune Supergiant
- Rising Pune Supergiants
- Royal Challengers Bangalore
- Sunrisers Hyderabad

(Stacked column chart — Y-axis: Number of matches won, X-axis: Season 2008–2019)

Bars
- season
Click or drag data here

Length* — Required field
- Season_win
Click or drag data here

Color
- winner
  Includes: Sunrise...ennai Super Kings 15
Click or drag data here

Repeat (column)
Click or drag data here

Repeat (row)
Click or drag data here

Local filters

# 7. To find the on-field umpire with the maximum number of IPL matches.

TOP 12 ON-Field Umpire-1 with the Maximum No of Matches

Umpire - 1	No. of matches
HDPK Dharmasena	78
AK Chaudhary	56
Asad Rauf	51
M Erasmus	40
Aleem Dar	38
S Ravi	37
BF Bowden	37
CB Gaffaney	34
BR Doctrove	34
KN Ananthapadmanabhan	33
AY Dandekar	28
C Shamshuddin	22

Bars: umpire1
Length* Required field: Ump1
y-start
Target
Color
Repeat (column)

TOP 11 ON-Field Umpire-2 with the Maximum No of Matches

Umpire - 2	No. of matches
S Ravi	84
C Shamshuddin	60
SJA Taufel	54
CK Nandan	49
RJ Tucker	41
Nitin Menon	37
BNJ Oxenford	32
VA Kulkarni	31
AK Chaudhary	31
RB Tiffin	30
SK Tarapore	26

Edit | Bar

Filters | Fields | Properties

Bars: umpire2
Length* Required field: Ump2
y-start
Target
Color
Repeat (column)
Repeat (row)

8. To find the biggest victories in IPL while defending a total and while chasing a total.

Biggest Victories in IPL while Defending a Total

team2 - team1
● Delhi Daredevils | Mumbai Indi... ● Gujarat Lions | Royal Challeng... ● Royal Challengers Bangalore |... ● Kings XI Punjab | Royal Challe... ● Pune Warriors | Royal Challen... ● Royal Challengers Bangalore |...
● Royal Challengers Bangalore |... ● Delhi Daredevils | Rajasthan R... ● Kolkata Knight Riders | Mumb... ● Kings XI Punjab | Chennai Su... ● Rising Pune Supergiant | Delhi...

X-axis (Winning team), Y-axis (Victory by Runs)

x-axis*	Required field
winner	
Click or drag data here	

Color
team2	
team1	
Click or drag data here	

y-axis*	Required field
win_by_runs	
Click or drag data here	

Repeat (column)
Click or drag data here

Repeat (row)
Click or drag data here

Biggest victories in IPL while Chasing a Total

Y-axis (Number of Wickets), X-axis (team1 - team2)

x-axis*	Required field
team1	
team2	
Click or drag data here	

Color
Click or drag data here

y-axis*	Required field
win_by_wickets	
Click or drag data here	

Repeat (column)
Click or drag data here

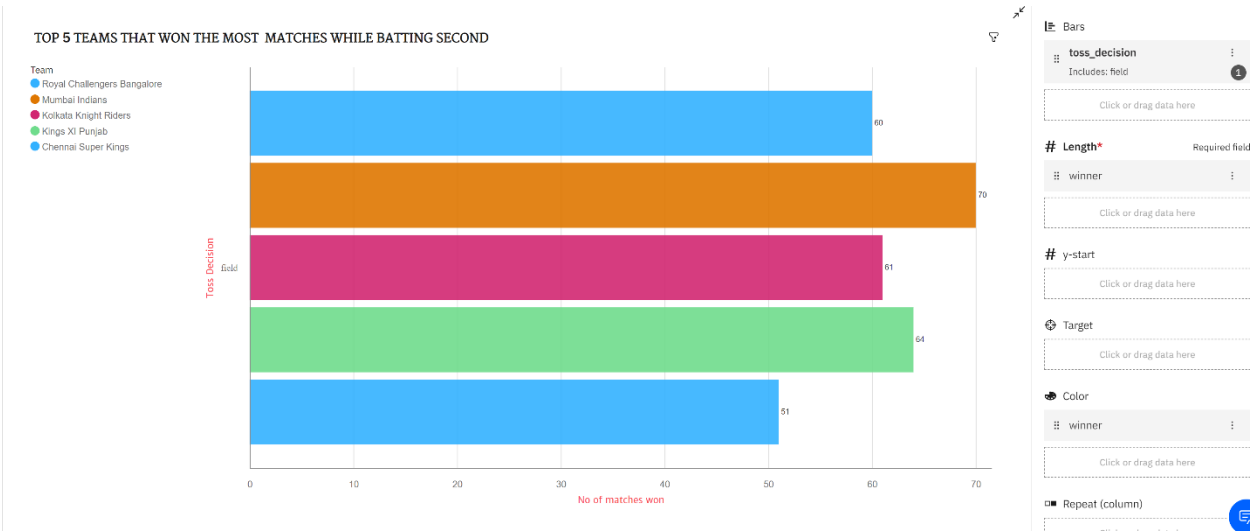Repeat (row)
Click or drag data here

Local filters
Click or drag data here

9. Which team won the most matches while batting first.

TOP 5 TEAMS THAT WON THE MOST MATCHES WHILE BATTING FIRST

Team
- Royal Challengers Bangalore
- Rajasthan Royals
- Mumbai Indians
- Kolkata Knight Riders
- Chennai Super Kings

10. Which team won the most matches while batting second.

11. List of teams which have won matches by most runs cumulatively.