



DATA - ANALYSIS & VISUALIZATION

Source : Kathmandu Pati

AGENDA

- 1.Detail about DataSet
- 2.Process Involved
- 3.Business Questions
- 4.Conclusion

Detail about DataSet

	date	player_of_match	venue	neutral_venue	team1	team2	toss_winner	toss_decision	winner	result	result_margin	eliminator	method	umpire1	umpire2
1	4/18/2008	BB McCullum	M Chinnaswa	0	Royal Challengers Bangalore	Kolkata Knight Riders	Royal Challengers Bangalore	field	Kolkata Kni	runs	140	N	NA	Asad Rauf	RE Koertzen
2	4/19/2008	MEK Hussey	Punjab Cricke	0	Kings XI Punjab	Chennai Super Kings	Chennai Super Kings	bat	Chennai Su	runs	33	N	NA	MR Benson	SL Shastri
3	4/19/2008	MF Maharooof	Feroz Shah Ko	0	Delhi Daredevils	Rajasthan Royals	Rajasthan Royals	bat	Delhi Darec	wickets	9	N	NA	Aleem Dar	GA Pratapkumar
4	4/20/2008	MV Boucher	Wankhede Sta	0	Mumbai Indians	Royal Challengers Bangalore	Mumbai Indians	bat	Royal Chall	wickets	5	N	NA	SJ Davis	DJ Harper
5	4/20/2008	DJ Hussey	Eden Gardens	0	Kolkata Knight Riders	Deccan Chargers	Deccan Chargers	bat	Kolkata Kni	wickets	5	N	NA	BF Bowden	K Hariharan
6	4/21/2008	SR Watson	Sawai Mansin	0	Rajasthan Royals	Kings XI Punjab	Kings XI Punjab	bat	Rajasthan R	wickets	6	N	NA	Aleem Dar	RB Tiffin
7	4/22/2008	V Sehwag	Rajiv Gandhi I	0	Deccan Chargers	Delhi Daredevils	Deccan Chargers	bat	Delhi Darec	wickets	9	N	NA	IL Howell	AM Saheba
8	4/23/2008	ML Hayden	MA Chidamba	0	Chennai Super Kings	Mumbai Indians	Mumbai Indians	field	Chennai Su	runs	6	N	NA	DJ Harper	GA Pratapkumar
9	4/24/2008	YK Pathan	Rajiv Gandhi I	0	Deccan Chargers	Rajasthan Royals	Rajasthan Royals	field	Rajasthan R	wickets	3	N	NA	Asad Rauf	MR Benson
10	4/25/2008	KC Sangakkara	Punjab Cricke	0	Kings XI Punjab	Mumbai Indians	Mumbai Indians	field	Kings XI Pur	runs	66	N	NA	Aleem Dar	AM Saheba
11	4/26/2008	SR Watson	M Chinnaswa	0	Royal Challengers Bangalore	Rajasthan Royals	Rajasthan Royals	field	Rajasthan R	wickets	7	N	NA	MR Benson	IL Howell
12	4/26/2008	JDP Oram	MA Chidamba	0	Chennai Super Kings	Kolkata Knight Riders	Kolkata Knight Riders	bat	Chennai Su	wickets	9	N	NA	BF Bowden	AV Jayaprakash
13	4/27/2008	AC Gilchrist	Dr DY Patil Sp	0	Mumbai Indians	Deccan Chargers	Deccan Chargers	field	Deccan Cha	wickets	10	N	NA	Asad Rauf	SL Shastri
14	4/27/2008	SM Katich	Punjab Cricke	0	Kings XI Punjab	Delhi Daredevils	Delhi Daredevils	bat	Kings XI Pur	wickets	4	N	NA	RE Koertzen	I Shivram
15	4/28/2008	MS Dhoni	M Chinnaswa	0	Royal Challengers Bangalore	Chennai Super Kings	Chennai Super Kings	bat	Chennai Su	runs	13	N	NA	BR Doctrove	RB Tiffin
16	4/29/2008	ST Jayasuriya	Eden Gardens	0	Kolkata Knight Riders	Mumbai Indians	Kolkata Knight Riders	bat	Mumbai Ind	wickets	7	N	NA	BF Bowden	AV Jayaprakash
17	4/30/2008	GD McGrath	Feroz Shah Ko	0	Delhi Daredevils	Royal Challengers Bangalore	Royal Challengers Bangalore	field	Delhi Darec	runs	10	N	NA	Aleem Dar	I Shivram
18	5/1/2008	SE Marsh	Rajiv Gandhi I	0	Deccan Chargers	Kings XI Punjab	Kings XI Punjab	field	Kings XI Pur	wickets	7	N	NA	BR Doctrove	RB Tiffin
19	5/1/2008	SA Asnodkar	Sawai Mansin	0	Rajasthan Royals	Kolkata Knight Riders	Rajasthan Royals	bat	Rajasthan R	runs	45	N	NA	RE Koertzen	GA Pratapkumar

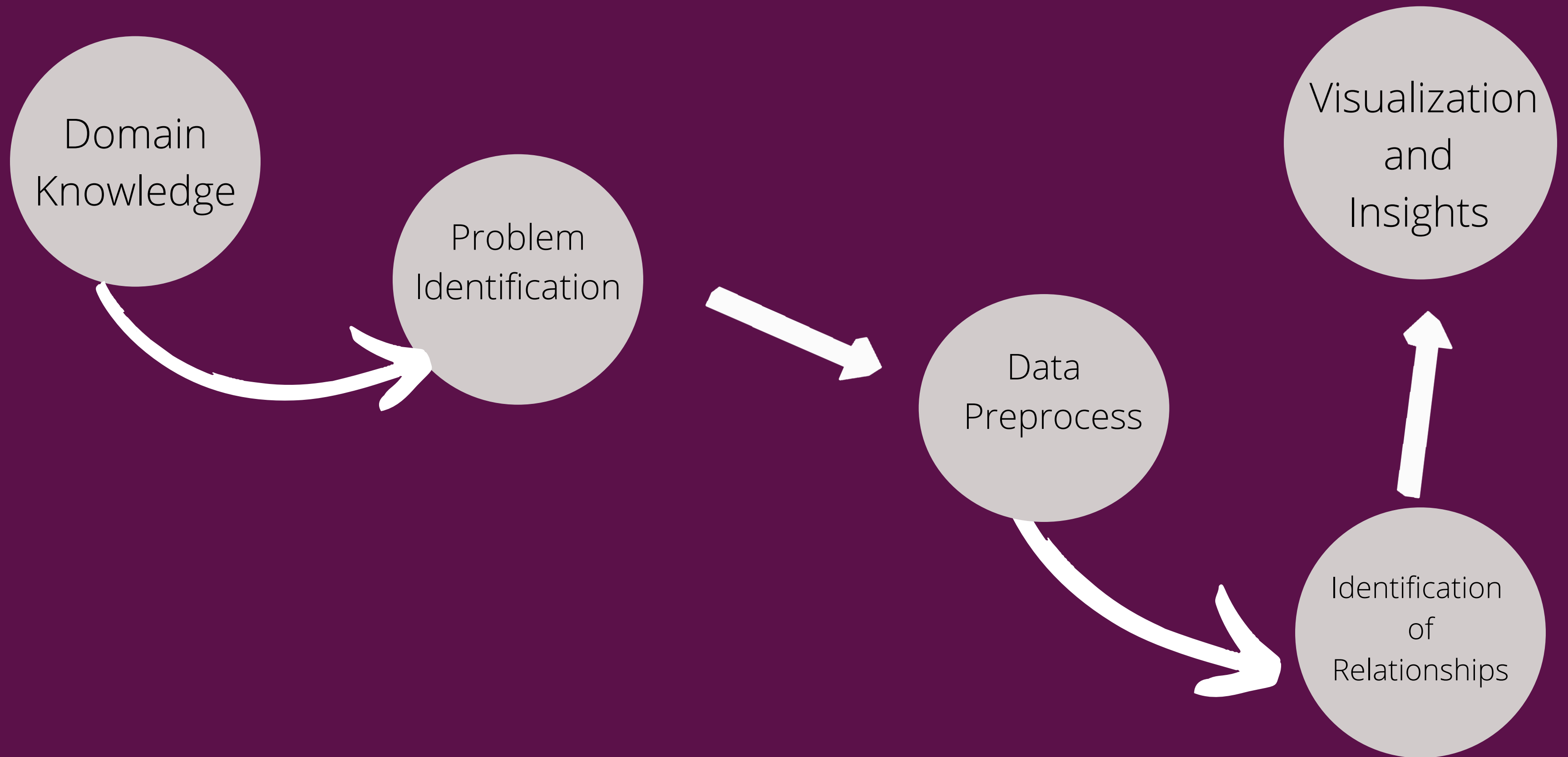
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Source : [Kaggle.com](https://www.kaggle.com/datasets/rajeshbabu/ipl)

2. Process Involved



3.Business Questions

1. Which Team has won Highest Game ?
2. Which city is famous for Match ?
3. Relation between winning toss and winning game?
4. Most Favourable Umpires?
5. Player with highest Man of the match?

Problem Faced

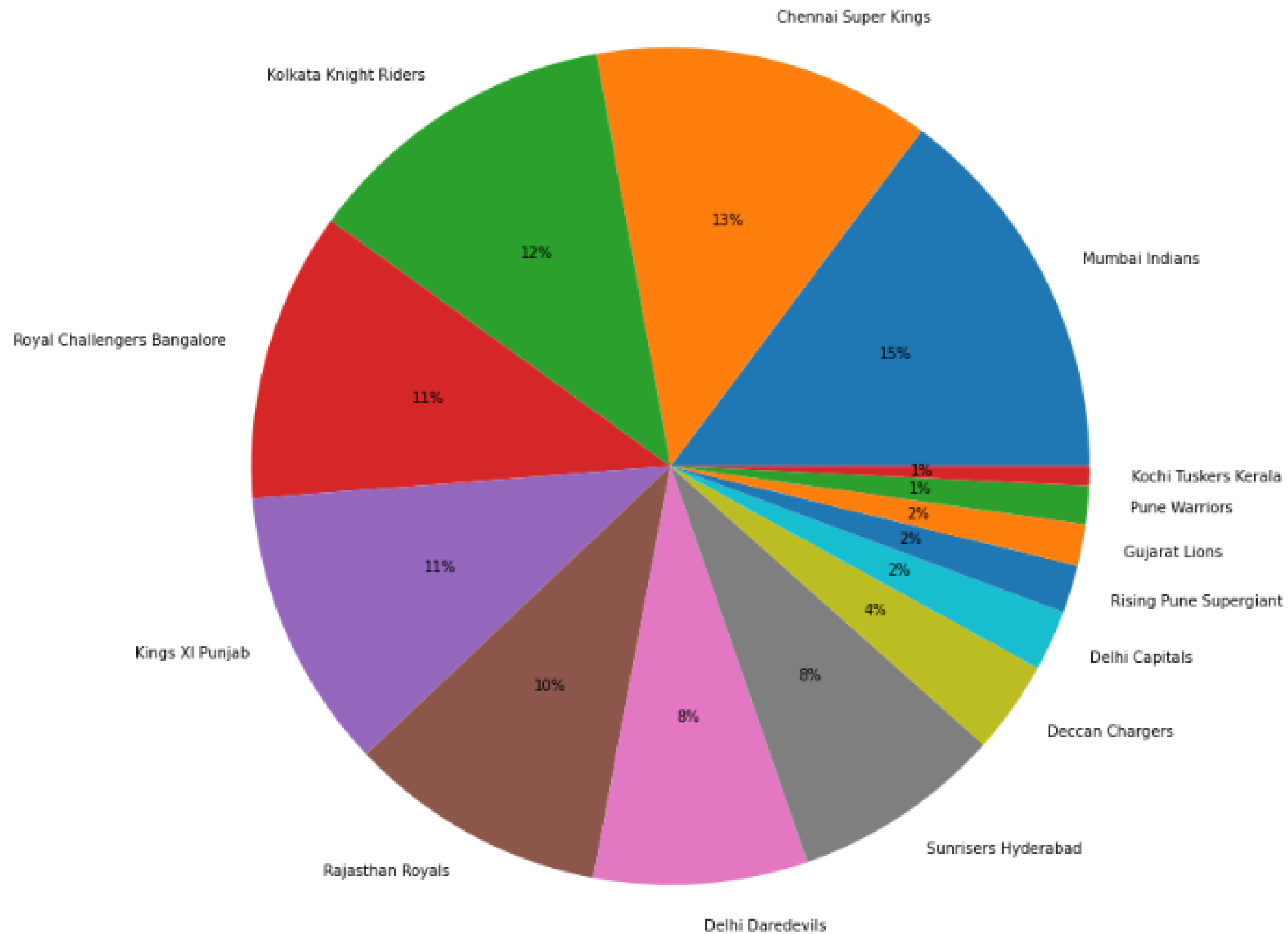
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Winner
Mumbai Indians          120
Chennai Super Kings     106
Kolkata Knight Riders    99
Royal Challengers Bangalore 91
Kings XI Punjab         88
Rajasthan Royals        81
Delhi Daredevils        67
Sunrisers Hyderabad     66
Deccan Chargers         29
Delhi Capitals          19
Gujarat Lions           13
Pune Warriors           12
Rising Pune Supergiant  10
Kochi Tuskers Kerala    6
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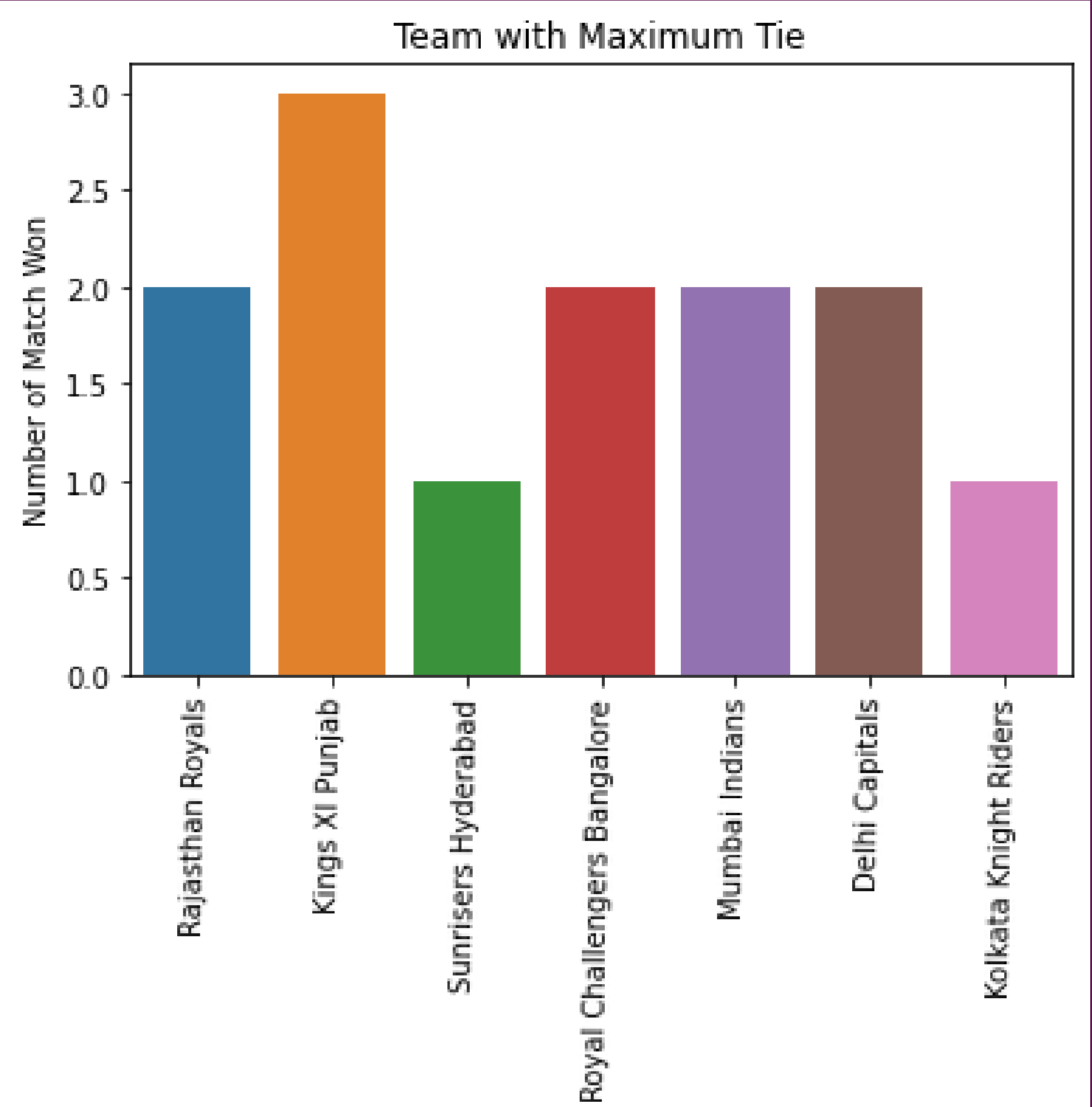


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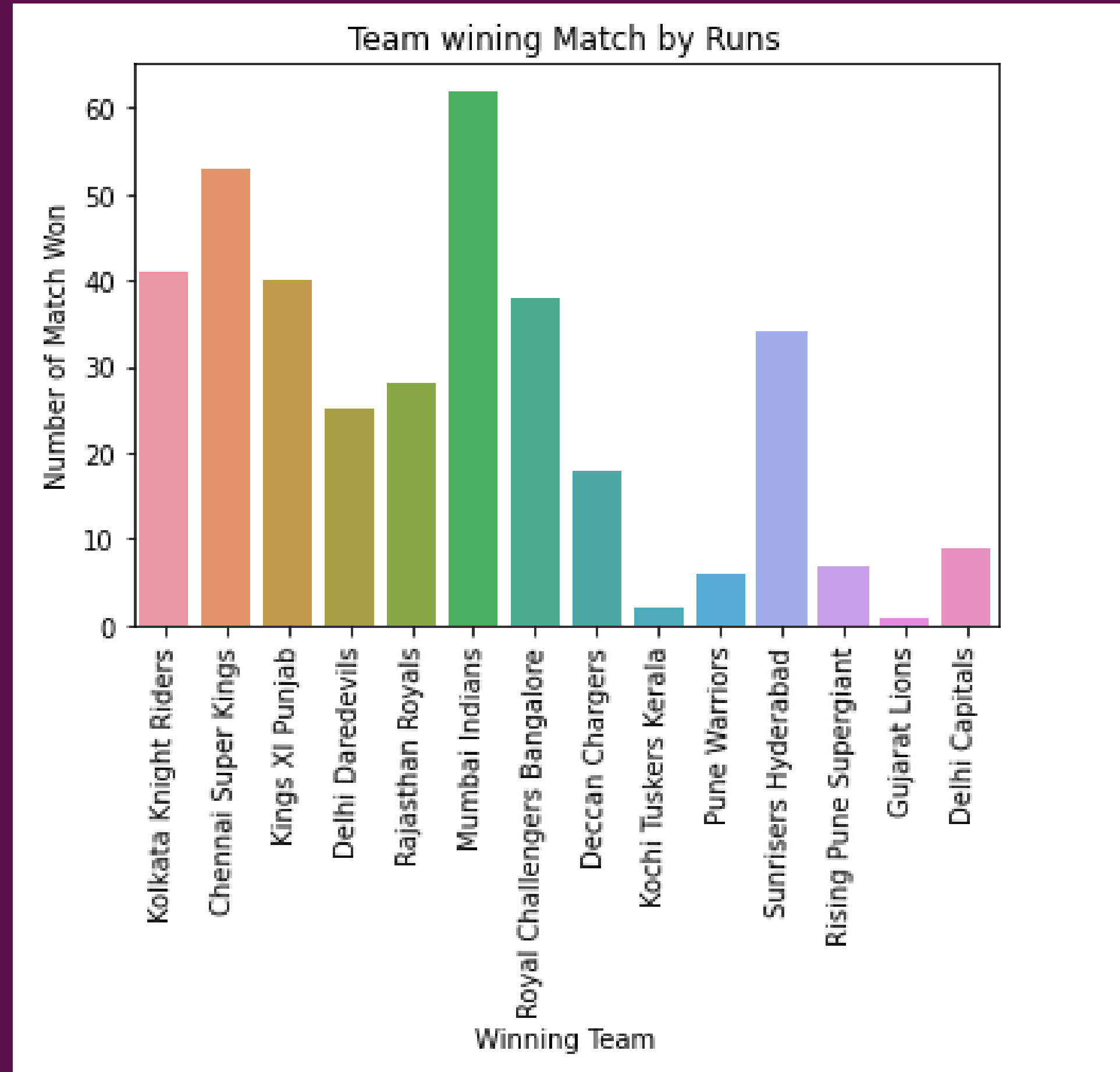
Pie Chart for Win Distribution



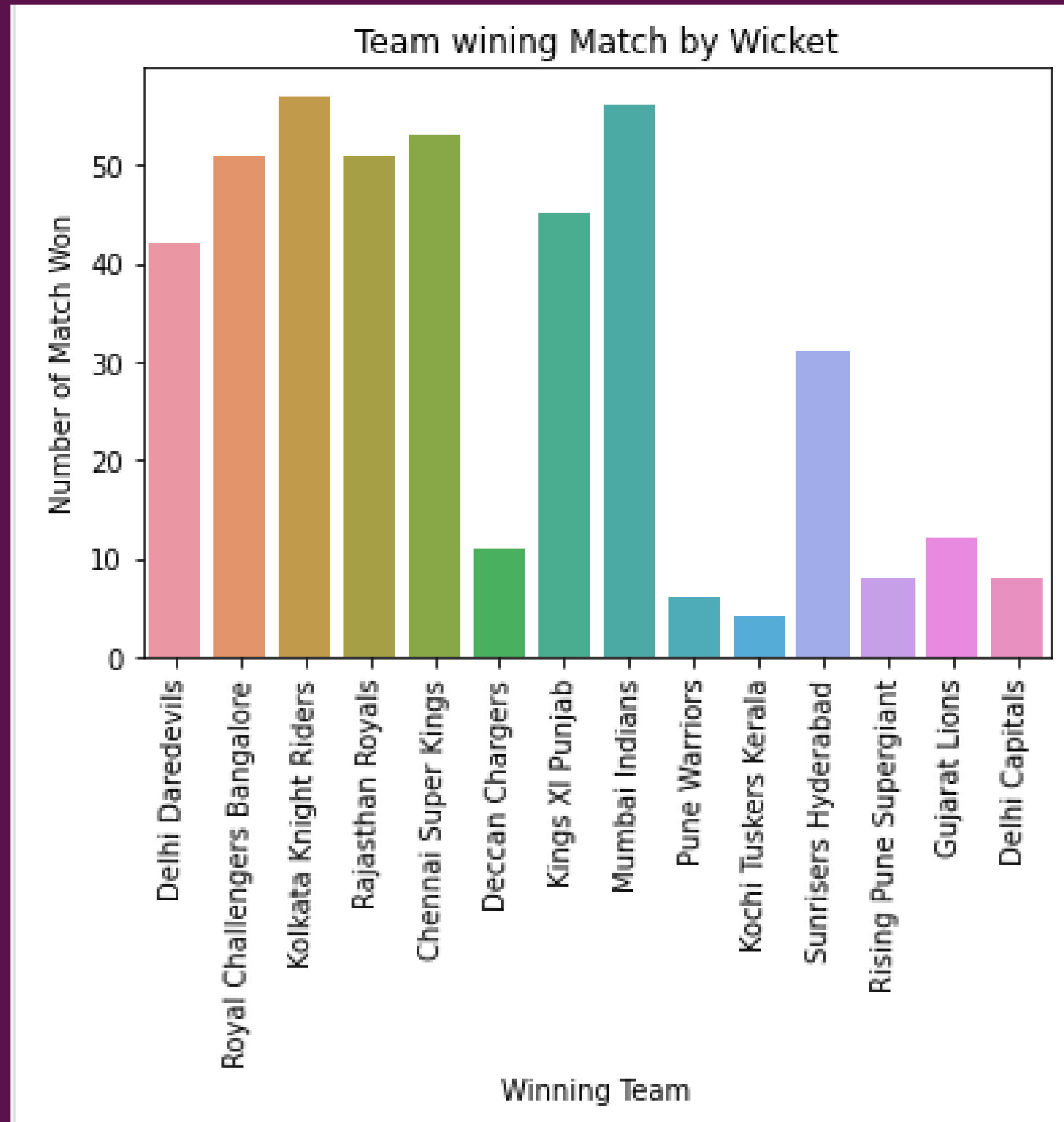
Maximum Tie



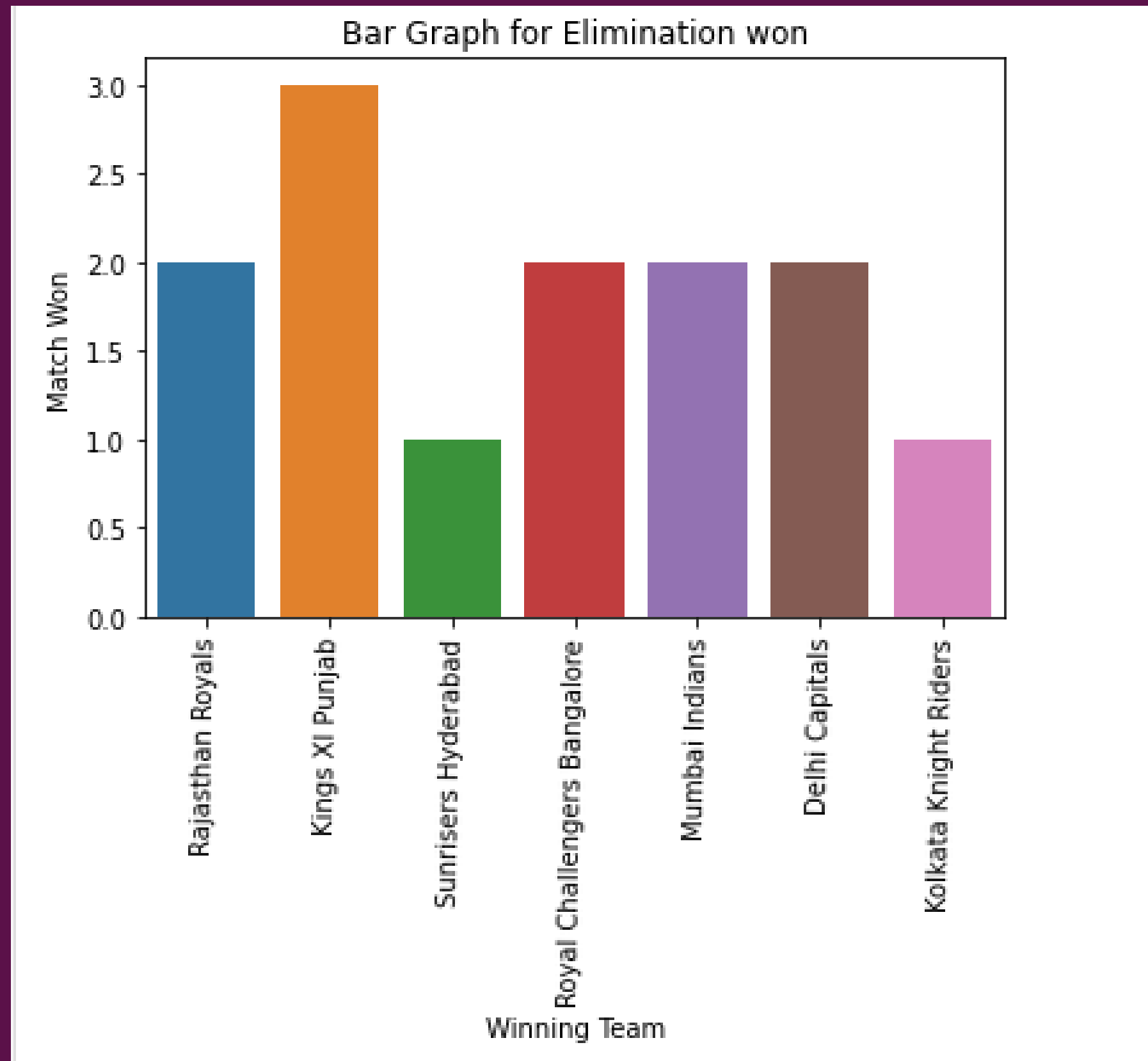
Won By Run



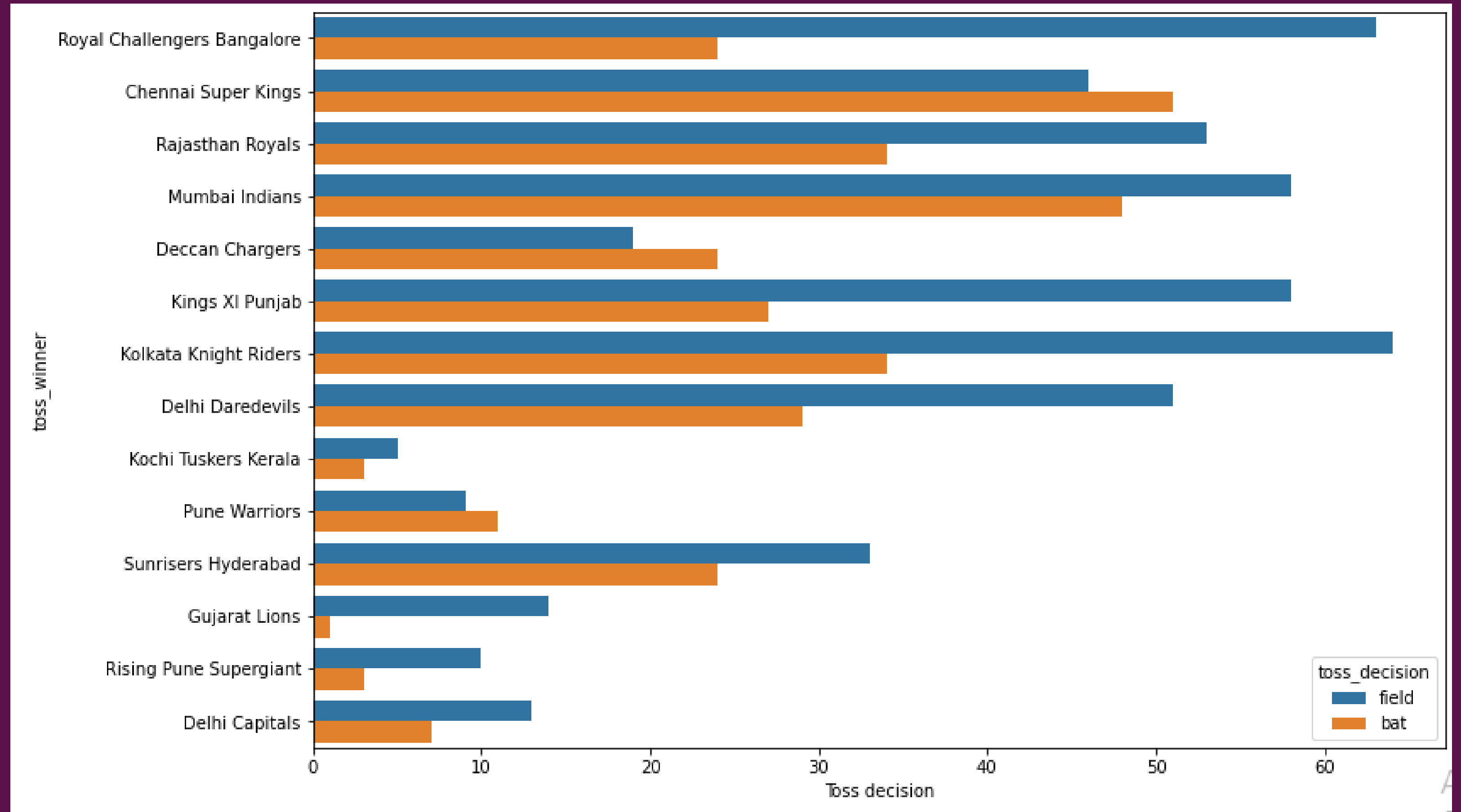
Won By Wicket



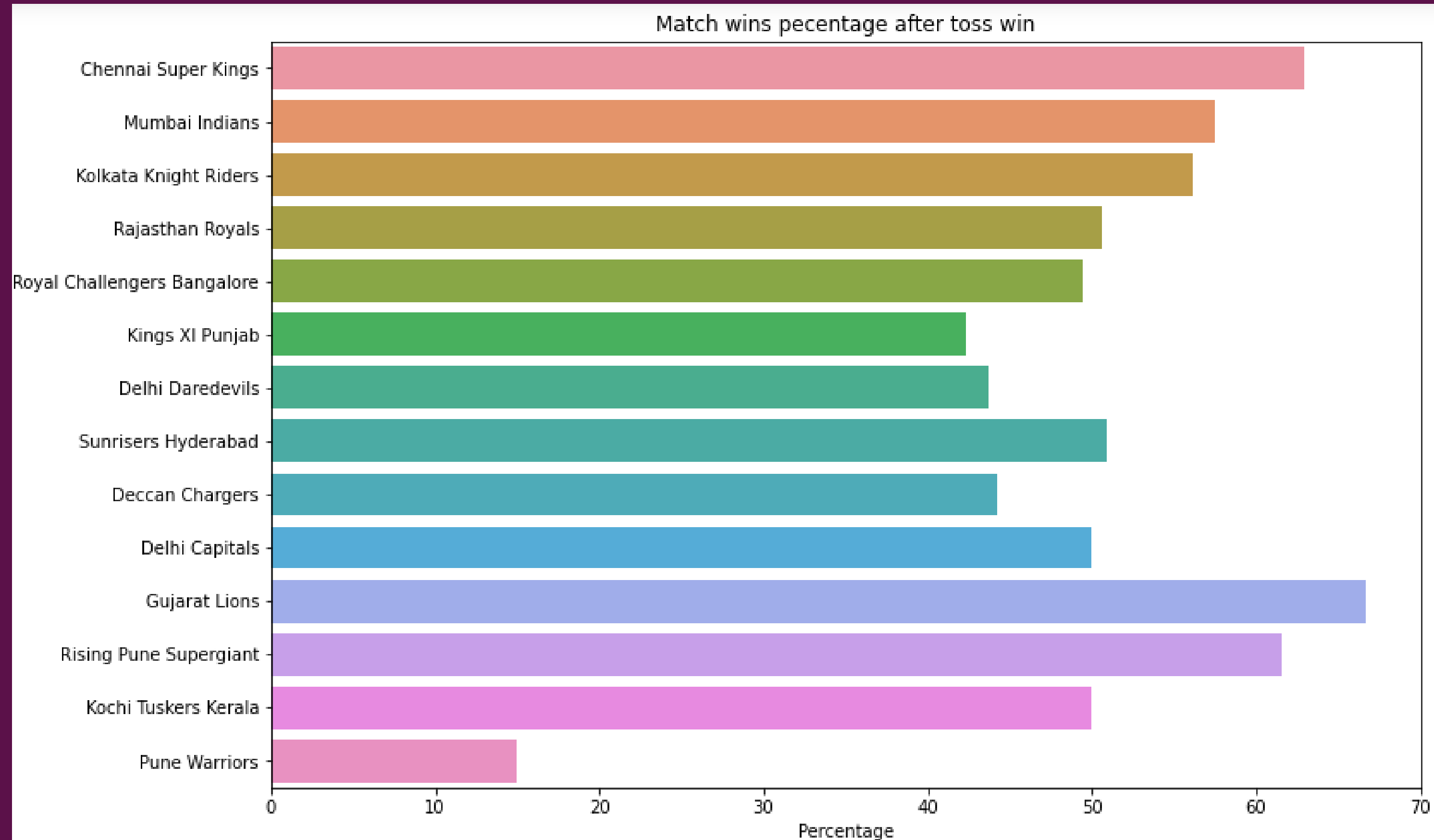
Wins in Elimination



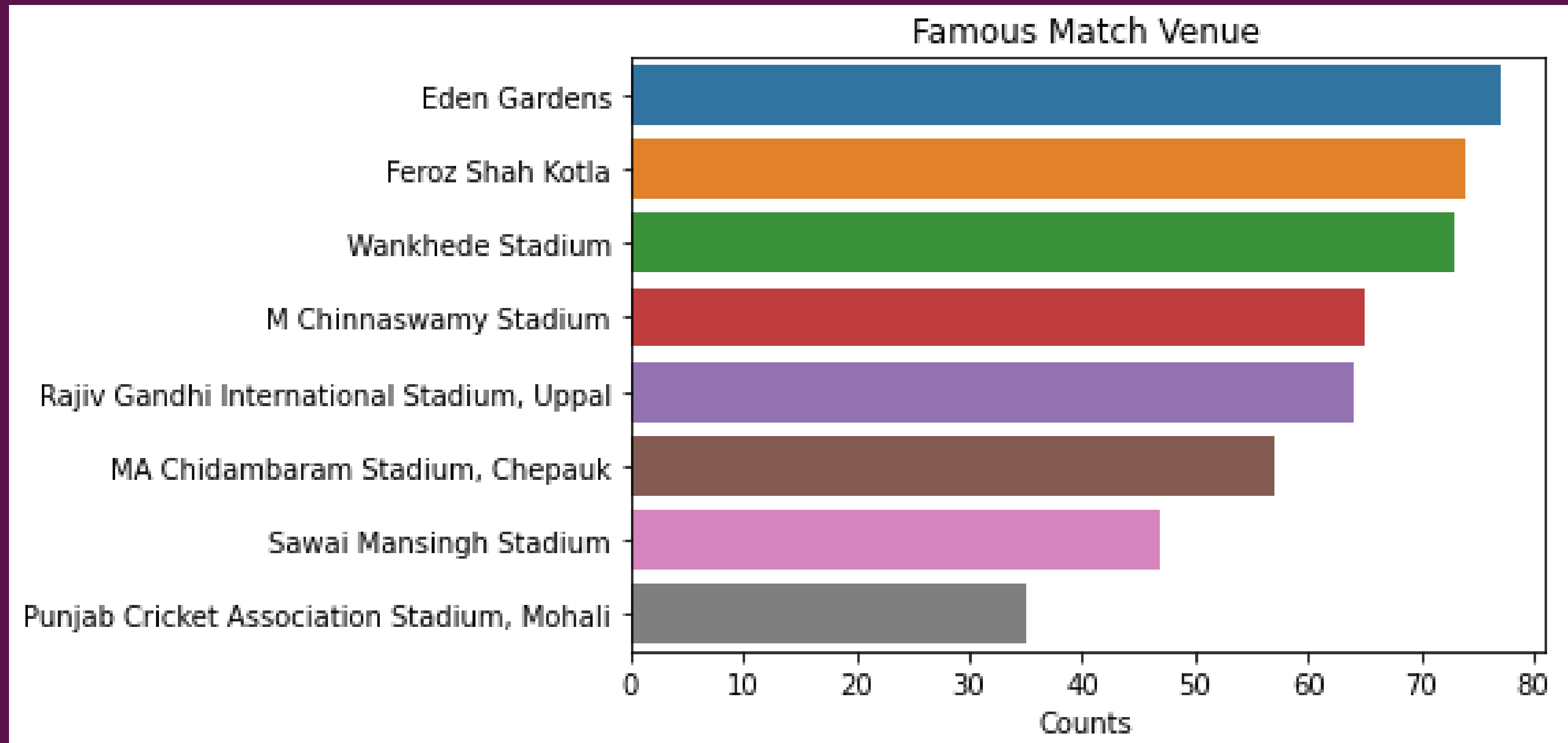
Toss Decision



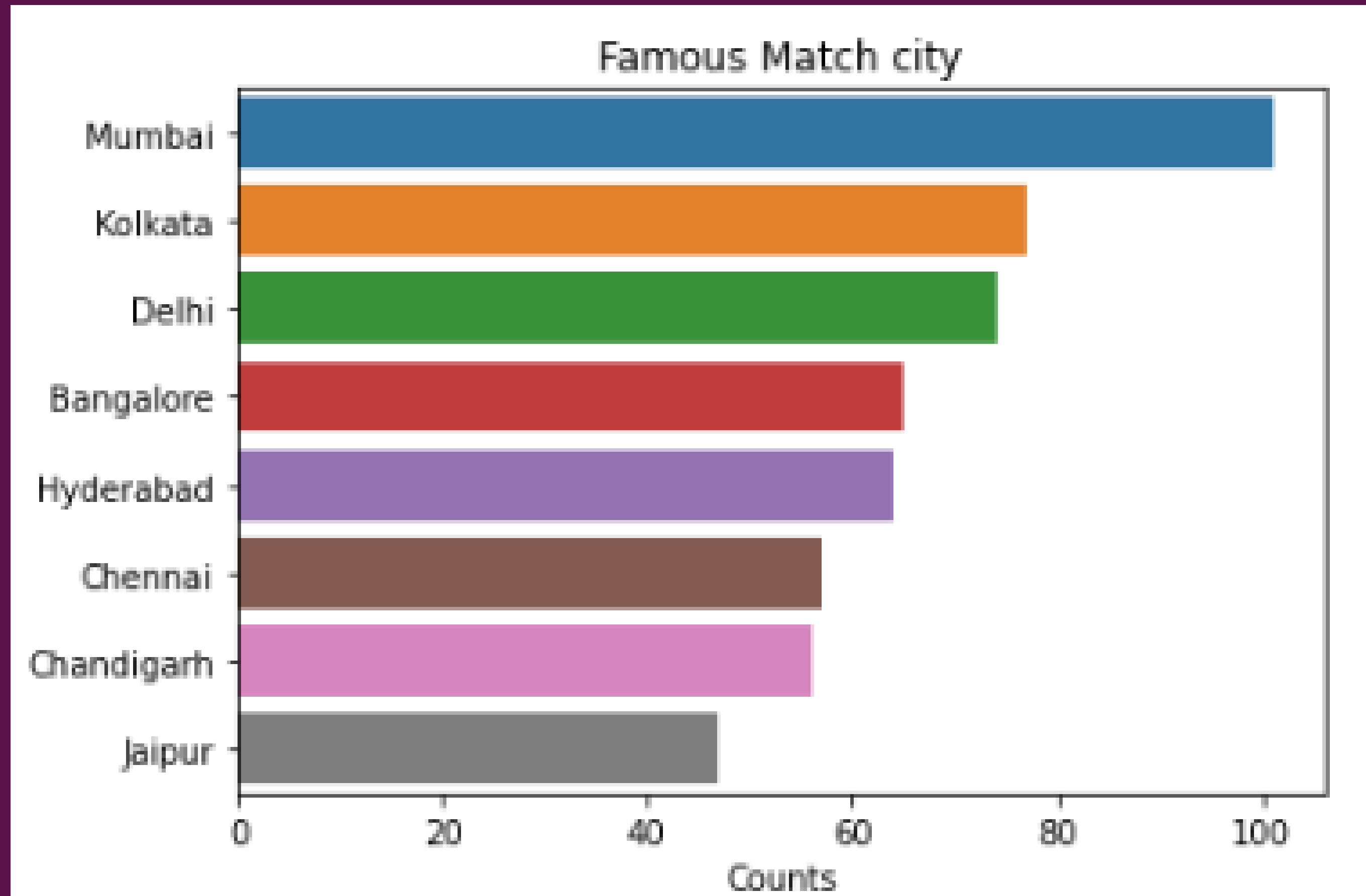
Was The Decicion Fruitful ?



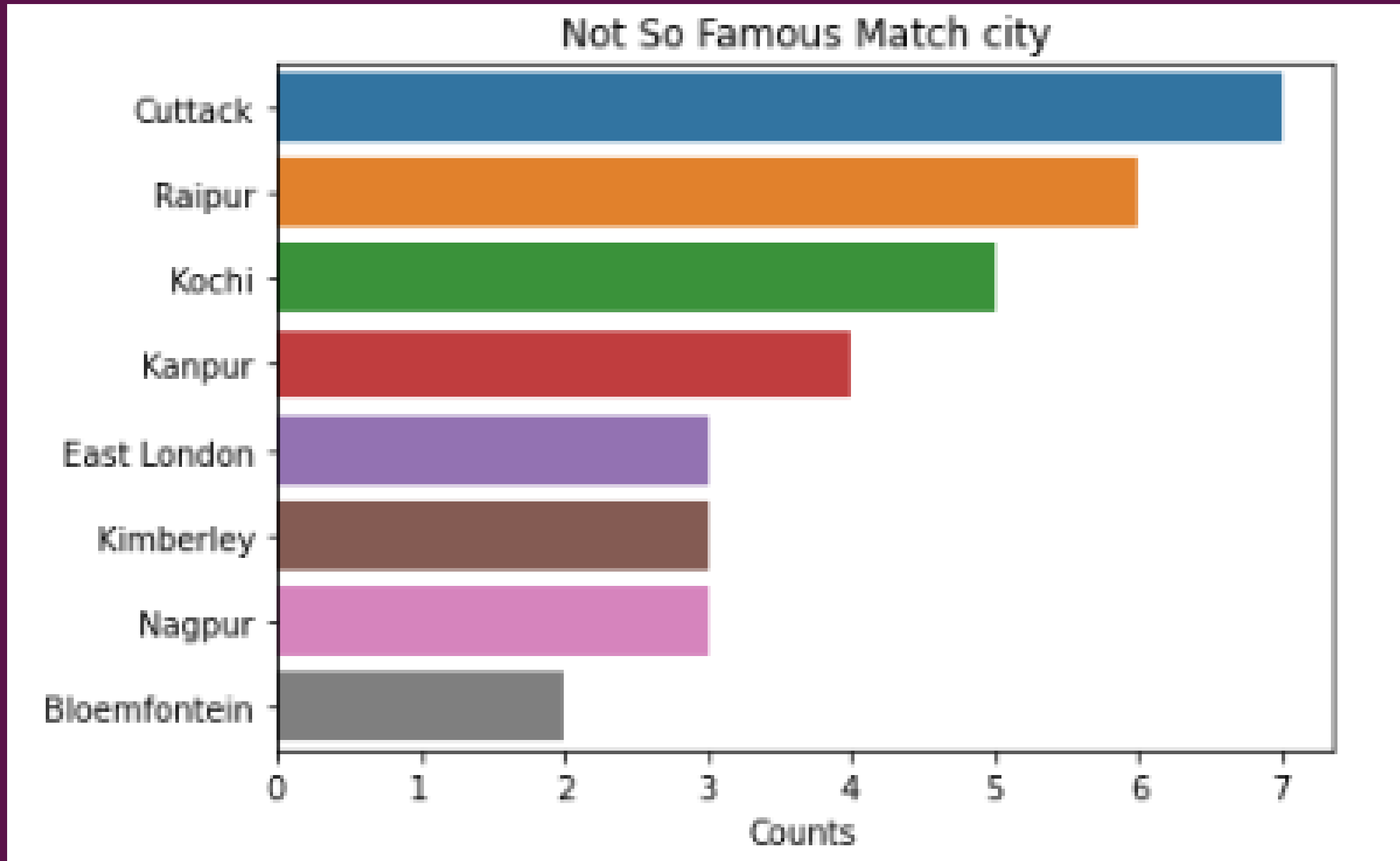
Famous Venue



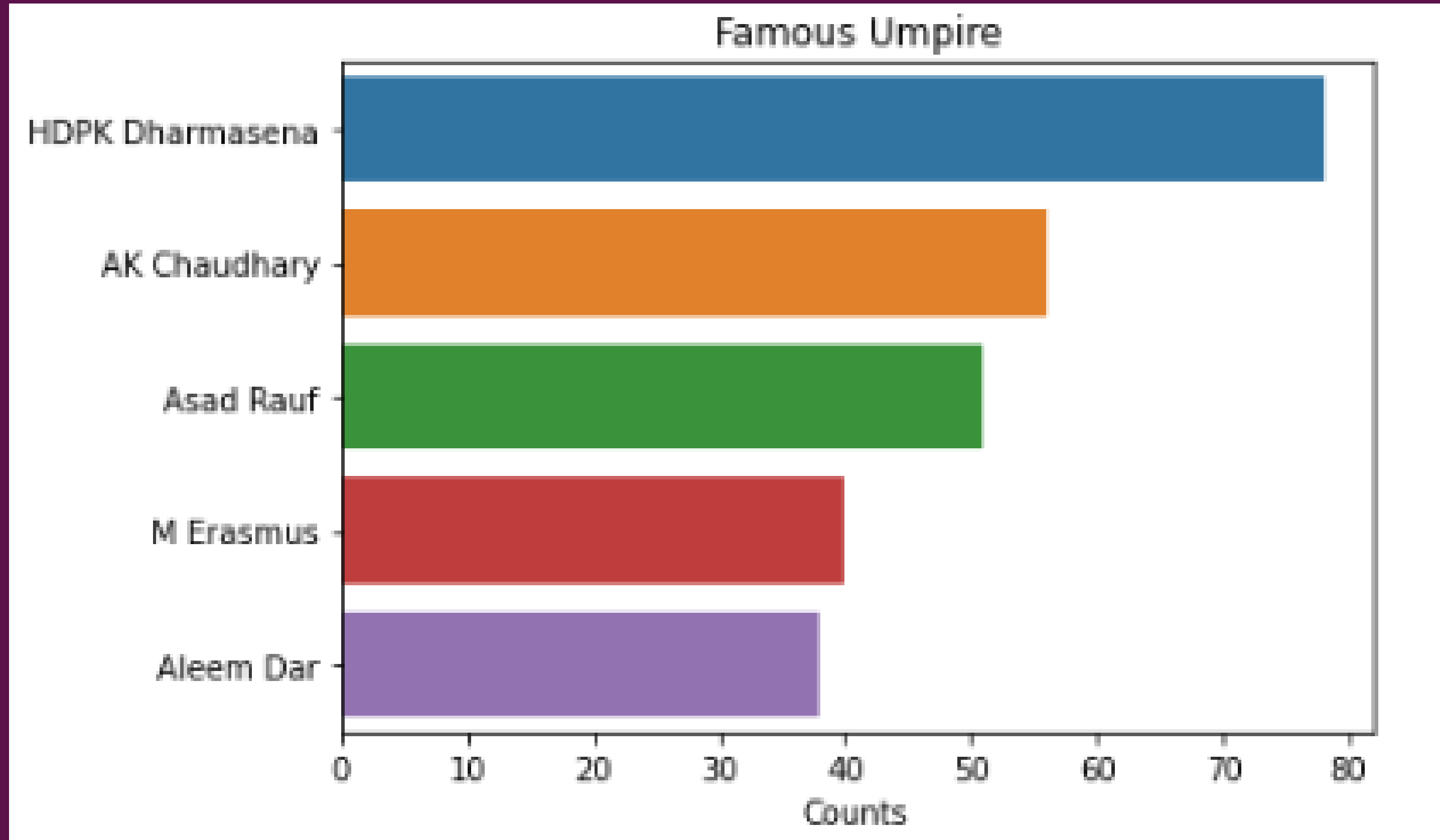
Famous City



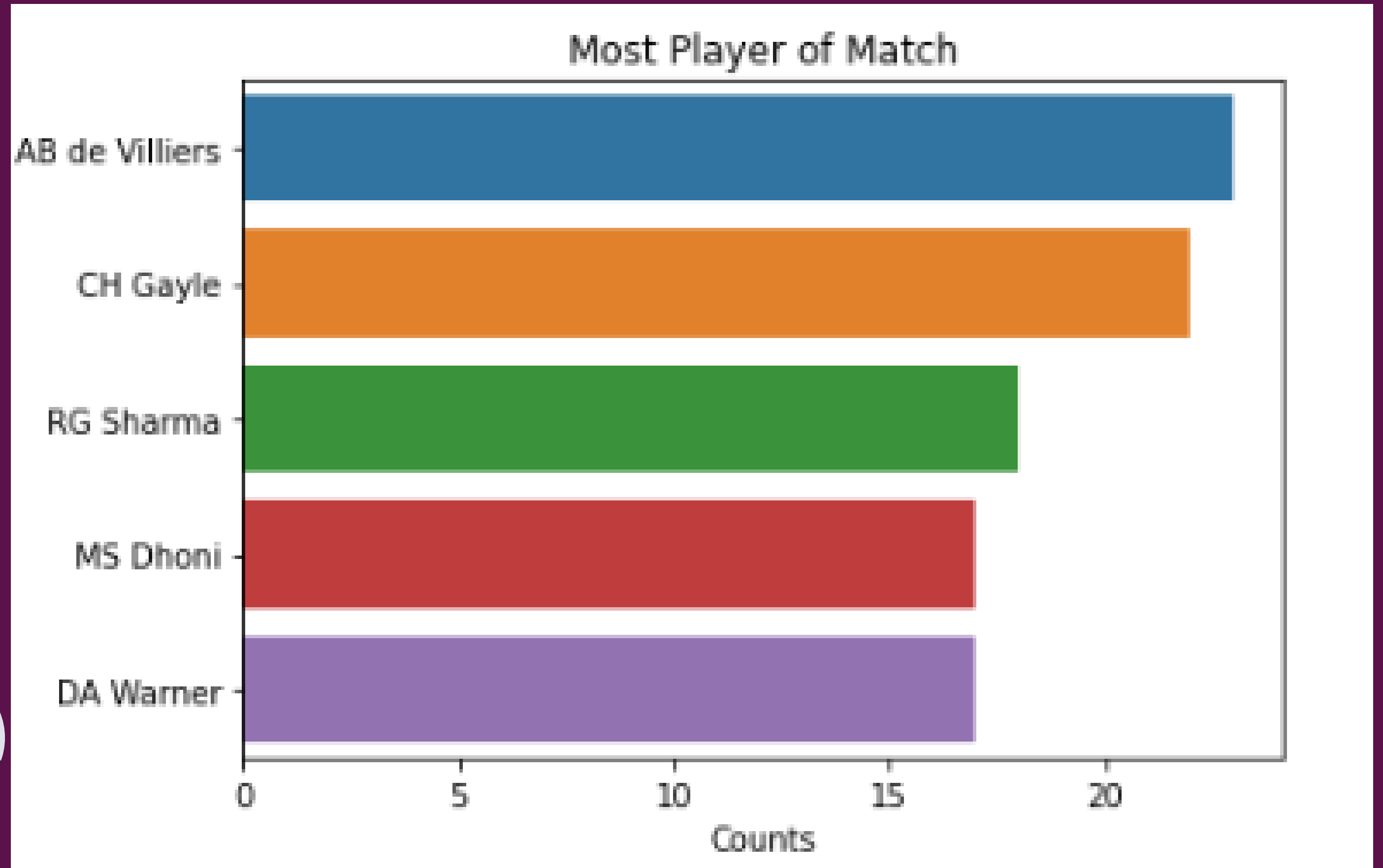
Less Preferred City



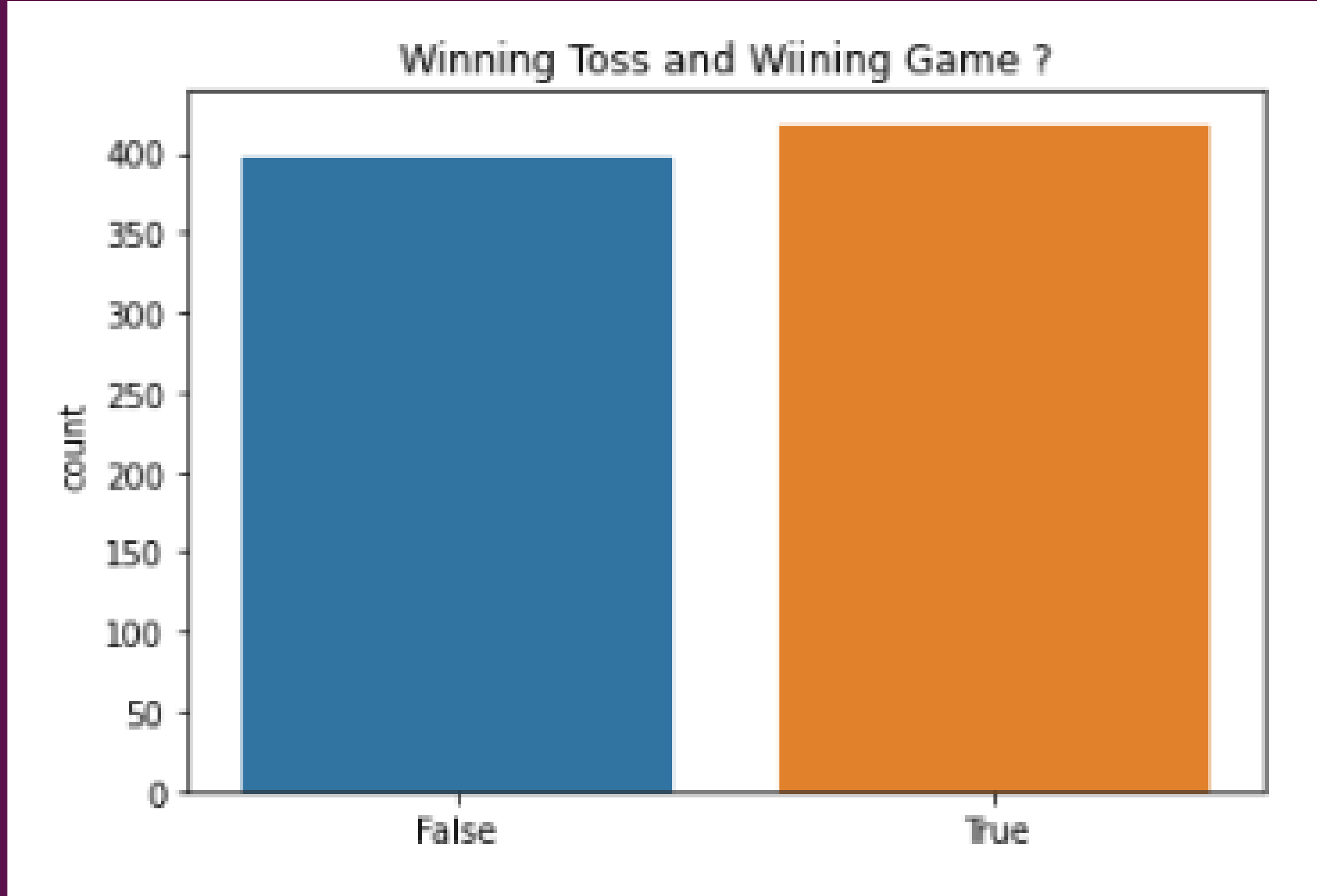
Umpire 1 Dominance in IPL



Player of the Match

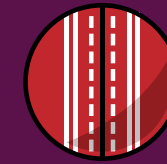


TOSS AND WINING GAME ?



References :

1. https://en.wikipedia.org/wiki/Indian_Premier_League
2. <http://ipl.india.crictotal.com/ipl-rules.php>
3. <https://zeenews.india.com/cricket/ipl-playoffs-from-qualifiers-to-eliminator-heres-everything-you-need-to-know-2321960.html>



ANY
QUESTIONS ?