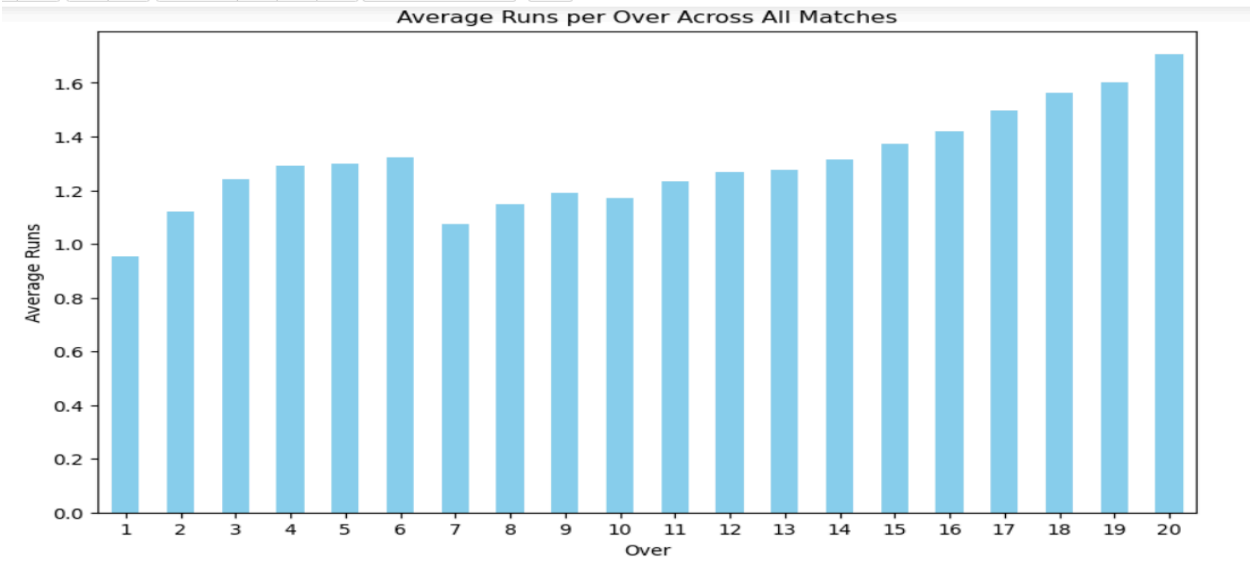
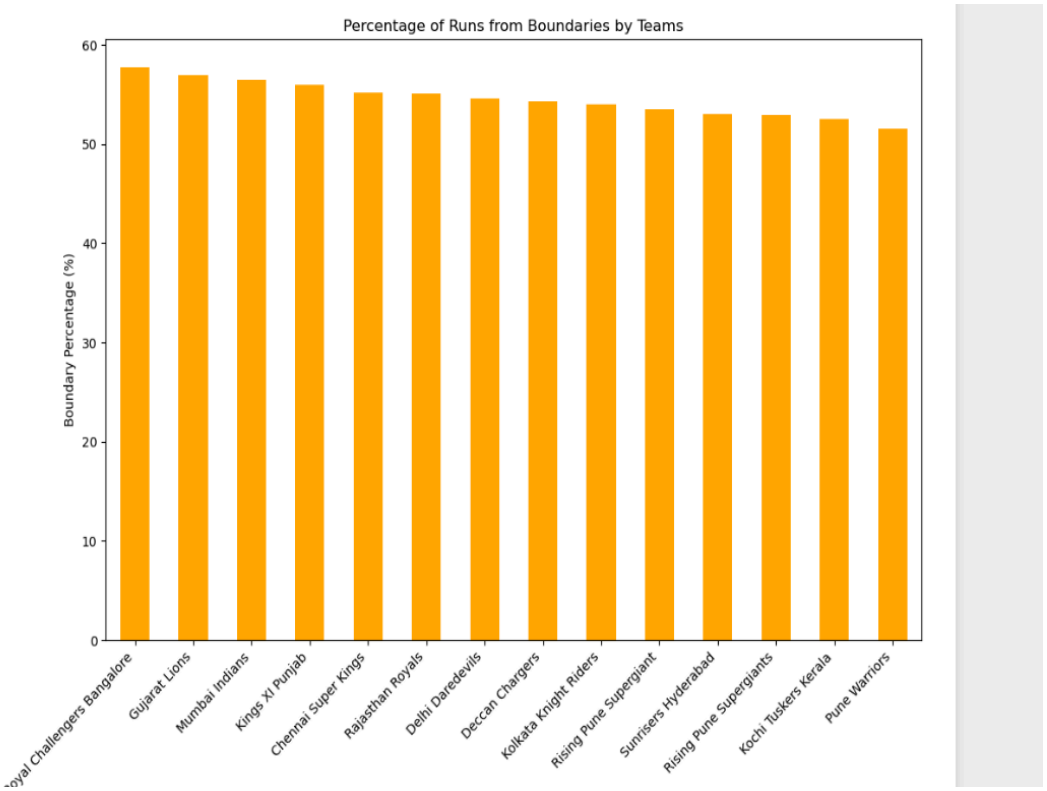
Findings:
Q1.



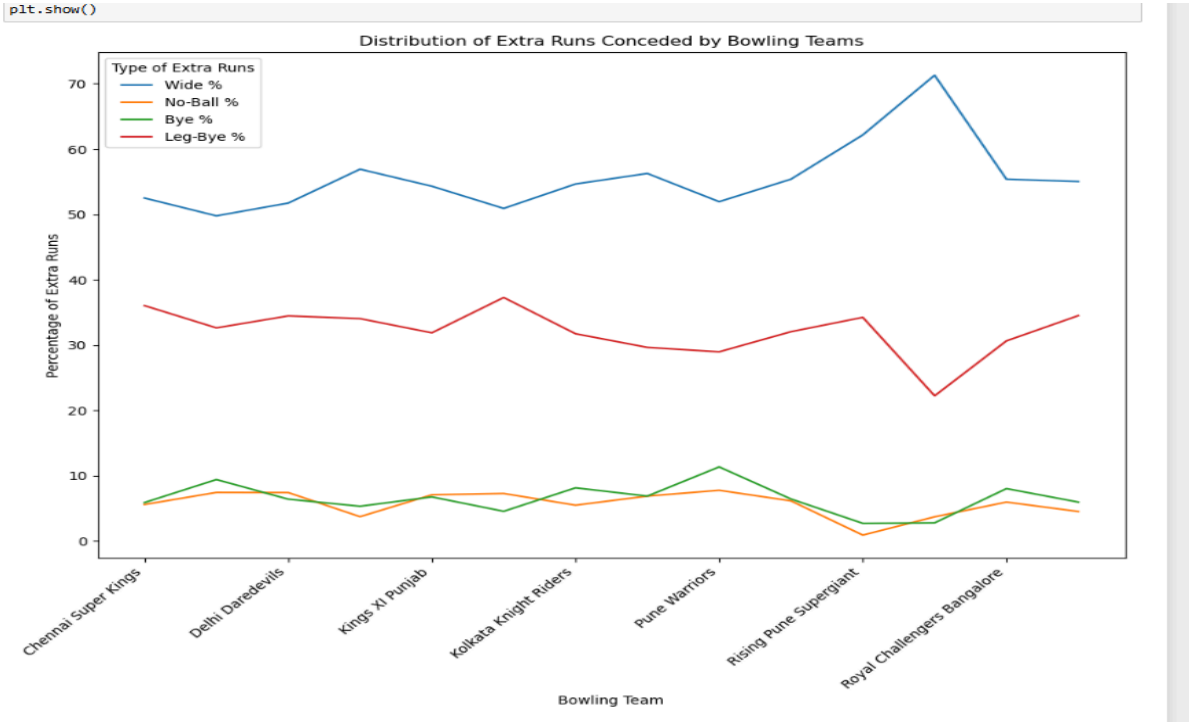
The graph shows average runs per over. We can see that in 20th over, most runs are scored whereas, in opening over least runs are scored.

Q2.



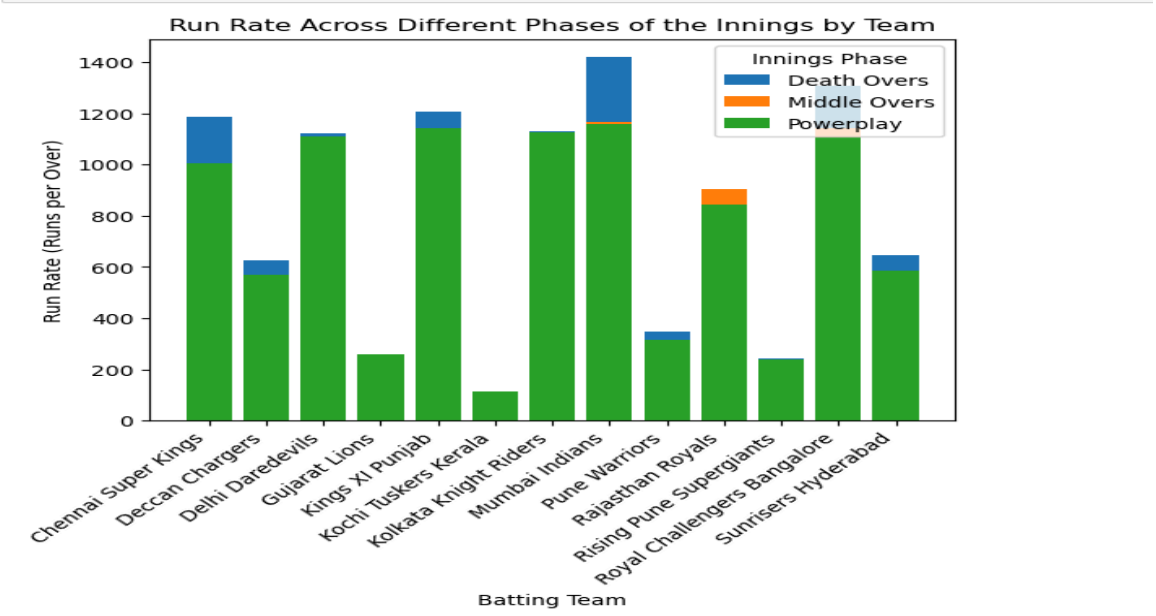
Above graph shows boundary percentage of total runs for all teams, we can infer that teams heavily rely on boundaries. Because almost every team has boundary percentage more than 50%.

Q3.



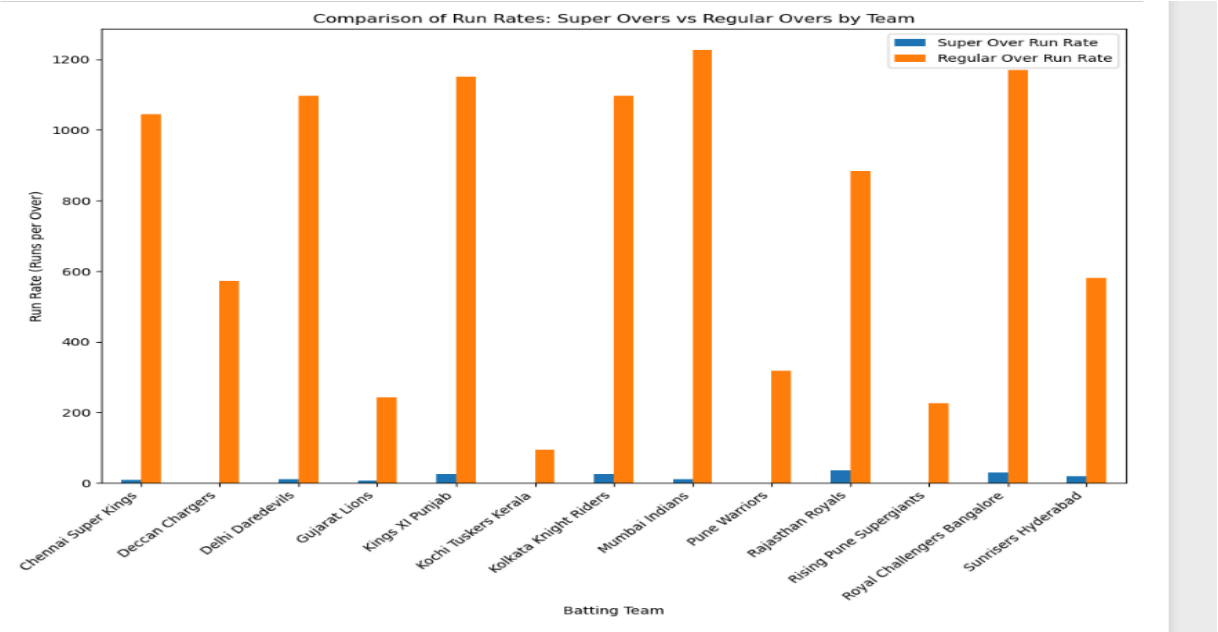
Above graph shows extra runs conceded by each bowling team. The most extra runs conceded were wide balls and the lowest runs conceded were no-ball.

Q4.



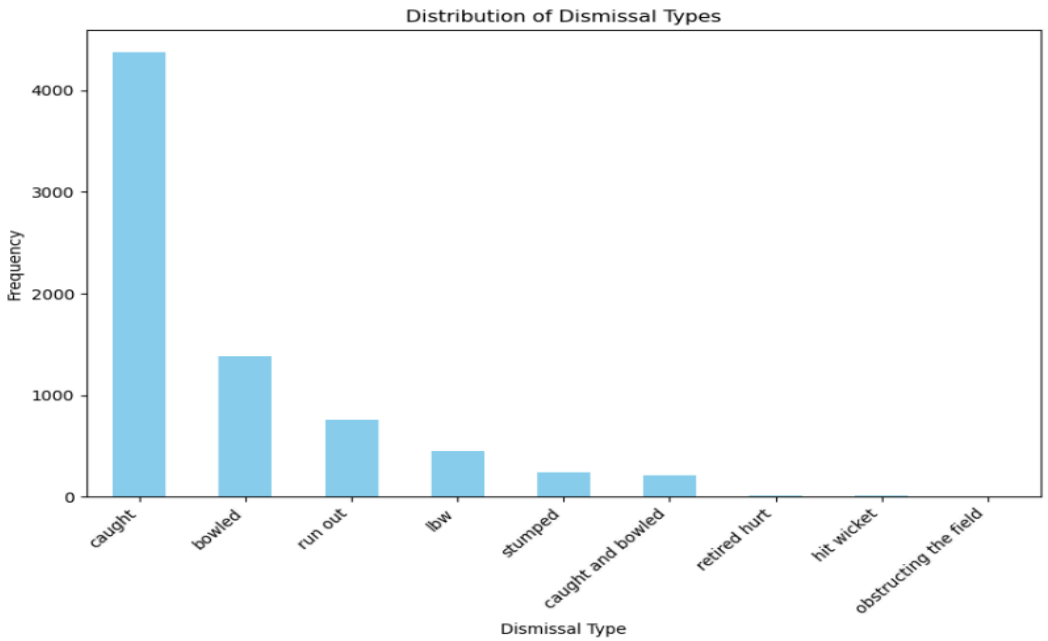
Above graph shows run rate across different phases of the innings by team. We can see that most runs were scored in powerplay, whereas less runs were scored in middle overs.

Q5.



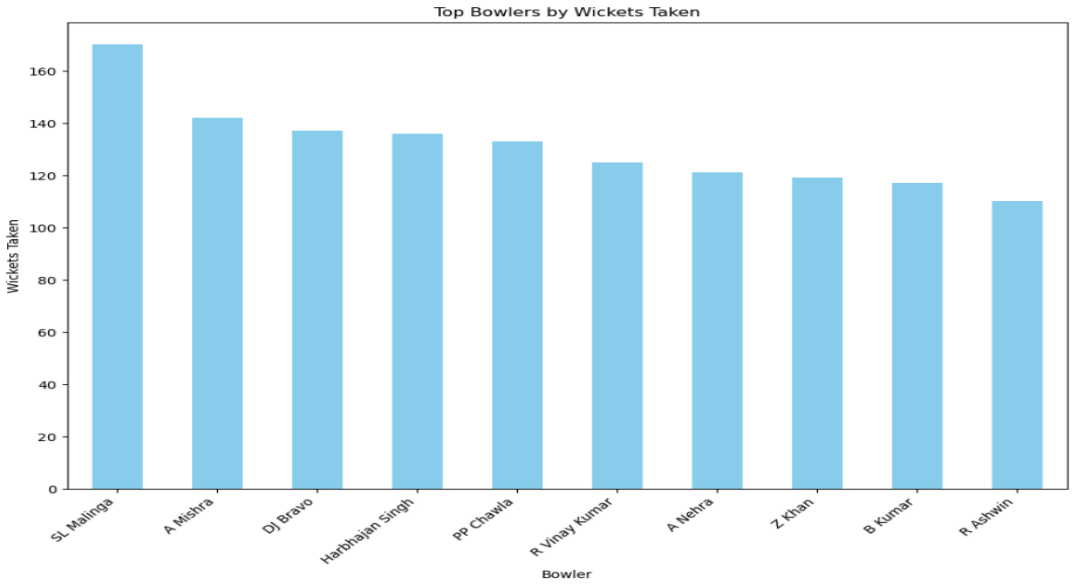
Above graph shows comparison of runs per over for regular and super overs.Scoring pattern differ heavily as in super over there is only one over(6 balls) and are negligible in comparison with regular overs played over different matches.

Q6.

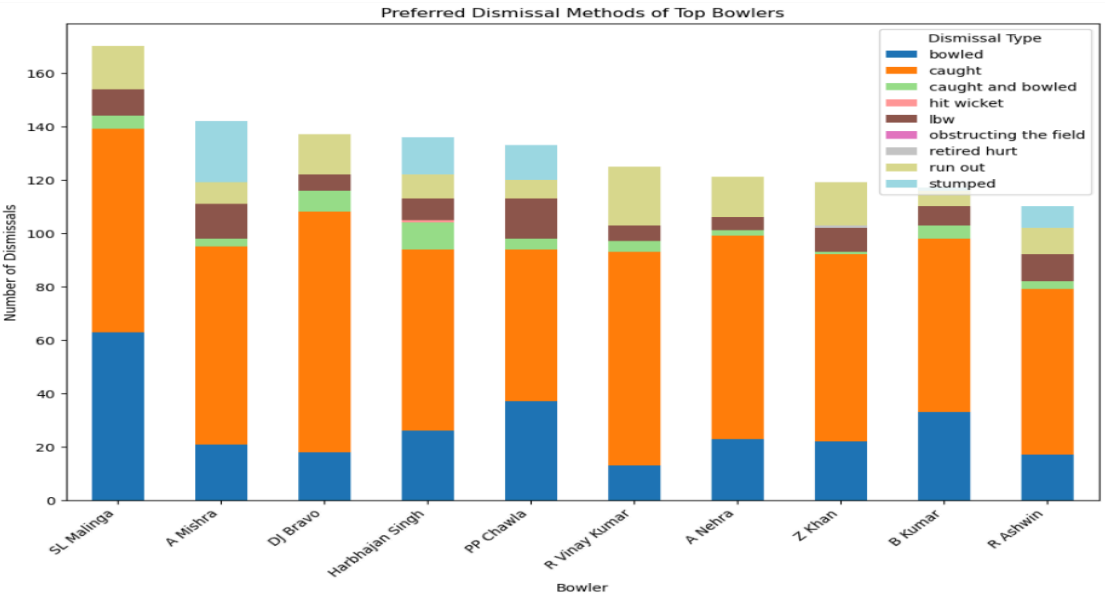


The above graph shows distribution of different types. It can be observed that the dismissal by caught has highest frequency whereas caught by bowled has the lowest and retired hurt, hit wicket, obstructing the field are negligible.

Q7.

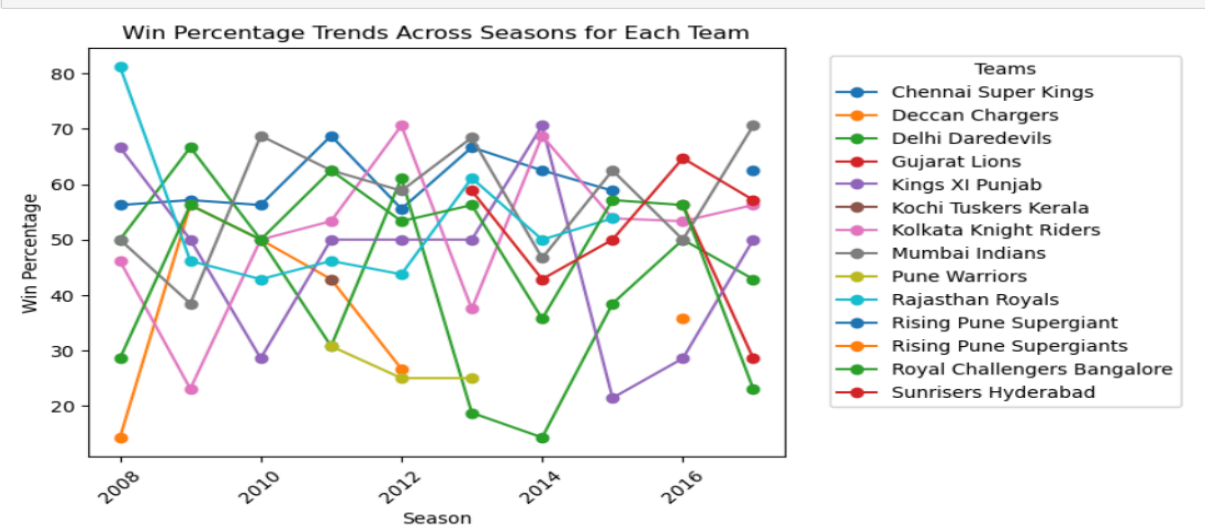


Above graph shows top bowlers who have take most wickets. SL Malings has taken most wickets whereas, R.Ashwin with the least wickets.



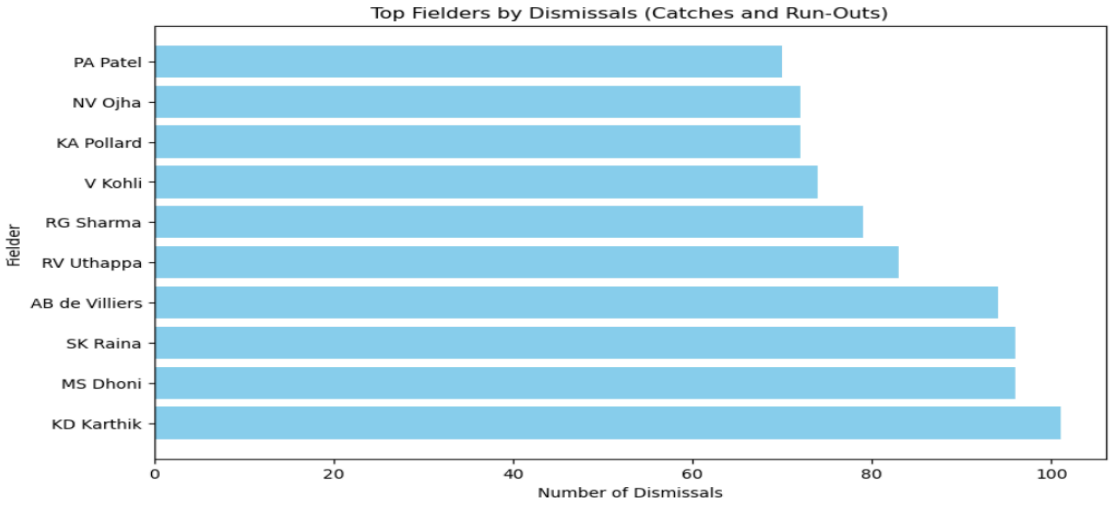
Also, the preferred dismissal method is ‘caught’.

Q8.



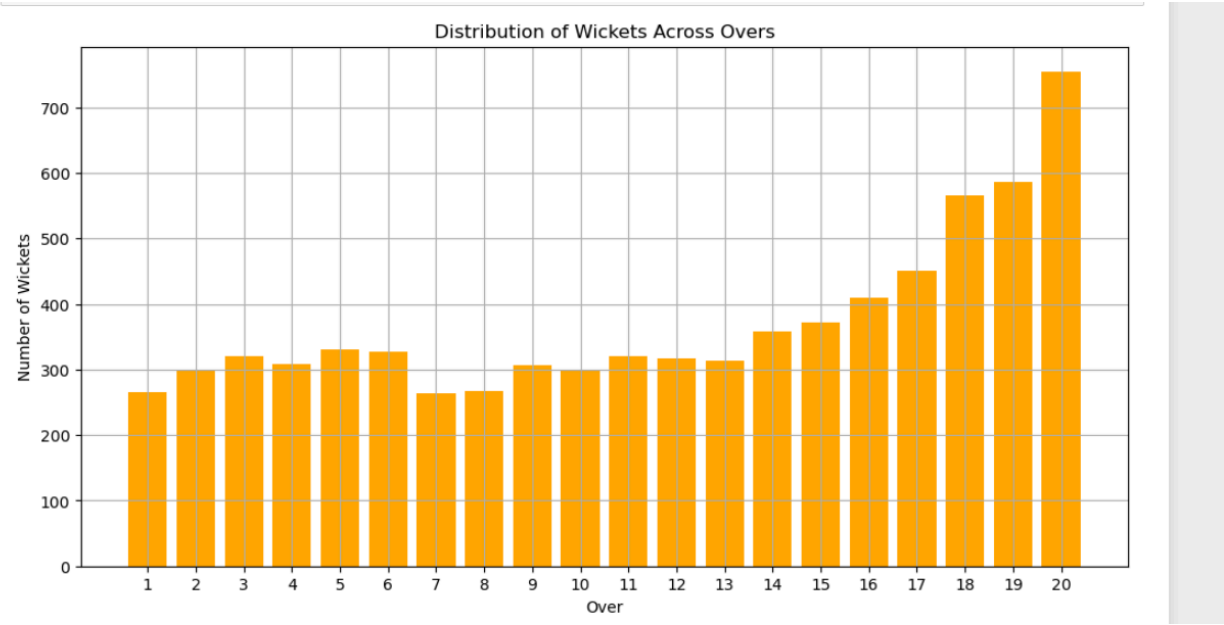
Above graph shows win percentage trends across seasons for each team. Kings XI Punjab was consistent in years 2011,2012,2013. No continuous upward, downward trends are observed.

Q9.



Above graph shows dismissals by catches and run-outs. KD Karthik was the top most fielder and PA Patel was the lowest.

Q10.



Above graph shows distribution of wickets across overs. 20th over is the most successful over where bowlers have taken most wickets.

Q13.

Out[190]:

	batsman	bowler	total_runs	ball	player_dismissed	batsman_runs	strike_rate	dismissals
0	A Ashish Reddy	A Nehra	8	9	9	0	88.888889	9
1	A Ashish Reddy	AB Dinda	9	7	7	0	128.571429	7
2	A Ashish Reddy	AD Mathews	25	12	12	2	208.333333	12
3	A Ashish Reddy	AD Russell	4	3	3	0	133.333333	3
5	A Ashish Reddy	Azhar Mahmood	2	3	3	0	66.666667	3
...	...	...	...	...	...	...	...	...
17144	Z Khan	SK Warne	2	6	6	0	33.333333	6
17146	Z Khan	SR Watson	4	5	5	0	80.000000	5
17147	Z Khan	Shakib Al Hasan	3	3	3	0	100.000000	3
17148	Z Khan	Sohail Tanvir	3	5	5	0	60.000000	5
17149	Z Khan	VRV Singh	1	3	3	0	33.333333	3

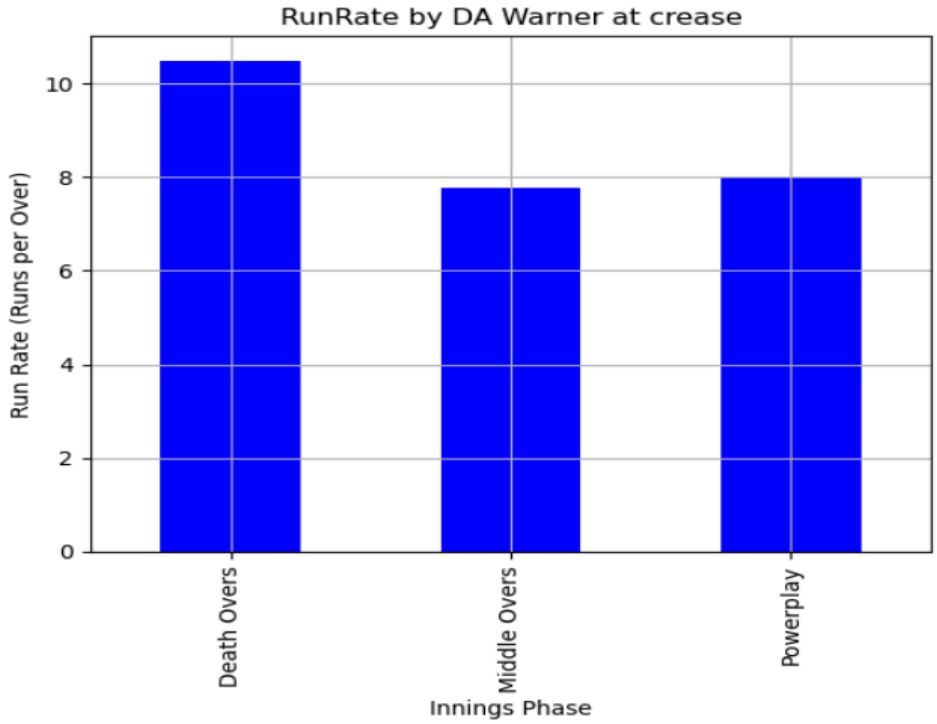
14109 rows × 8 columns

The data shows batsman vs bowler performance.

Q14.

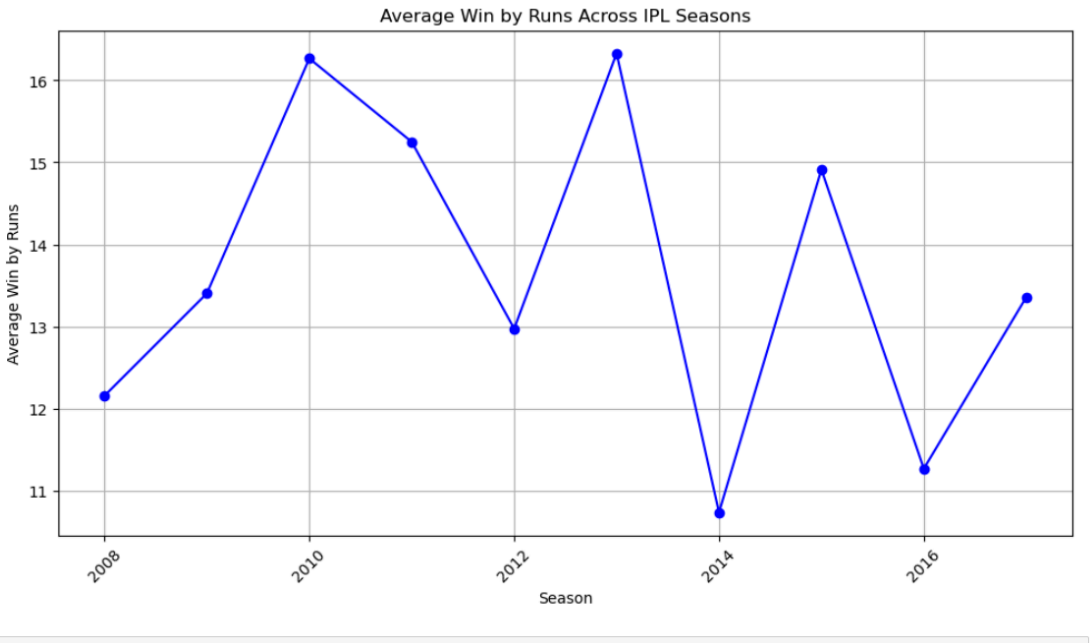
In previous analysis we have observed that caught has the most dismissal. Hence, all batsman has tendency to get dismissed by caught.

Q15.



Above graph shows DA Warner's presence on run rate of the team. In death overs, team has good run rate, whereas in middle overs, team has least run rate.

Q20.



Above graph shows average win by runs across IPL seasons. The graph is dynamically changing.