

IPL DATA ANALYSIS 2021-2023



PROBLEM STATEMENT

"Sports Basics" is a sports blog company that entered space recently. They wanted to get more traffic to their website by releasing a special edition magazine on IPL 2024. This magazine aims to provide interesting insights and facts for fans, analysts and teams based on the last 3 years' data. The chief editor Tony Sharma oversees this publication, and he believes in data analytics. He reached out to Peter Pandey, a journalist in his team who is a data savvy cricket enthusiast

PRIMARY ANALYSIS

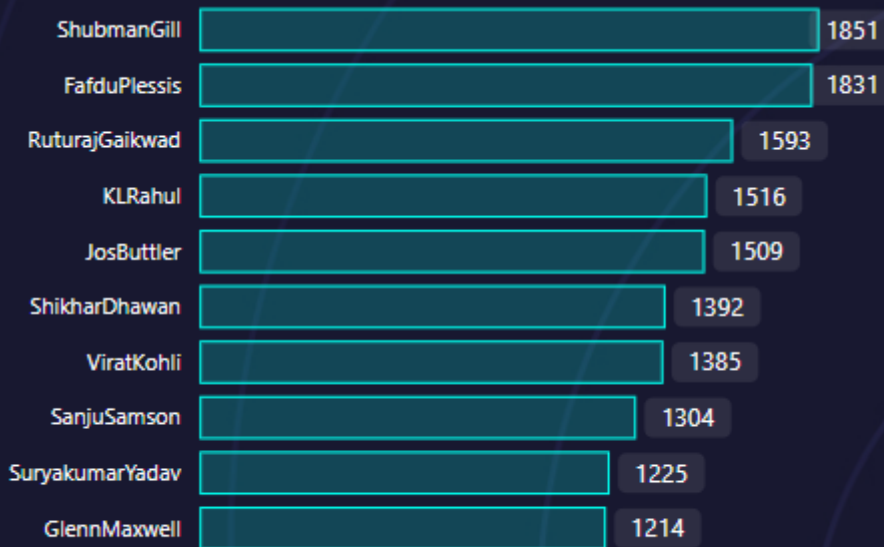


1. Top 10 batsmen based on past 3 years total runs scored.
2. Top 10 batsmen based on past 3 years batting average. (min 60 balls faced in each season)
3. Top 10 batsmen based on past 3 years strike rate (min 60 balls faced in each season)
4. Top 10 bowlers based on past 3 years total wickets taken.
5. Top 10 bowlers based on past 3 years bowling average. (min 60 balls bowled in each season)
6. Top 10 bowlers based on past 3 years economy rate. (min 60 balls bowled in each season)
7. Top 5 batsmen based on past 3 years boundary % (fours and sixes).
8. Top 5 bowlers based on past 3 years dot ball %.
9. Top 4 teams based on past 3 years winning %.
10. Top 2 teams with the highest number of wins achieved by chasing targets over the past 3 years.

BATTING ANALYSIS



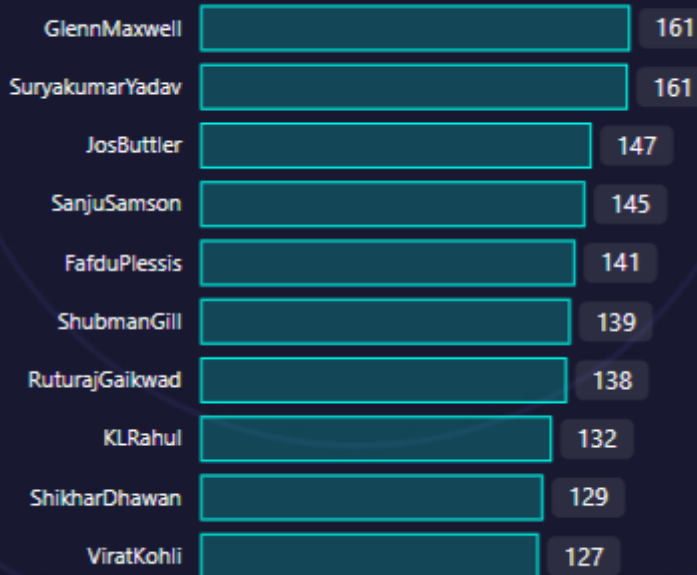
1.Top 10 batsmen total runs scored.



Shubman gill has excellence performance over past 3 year and has total runs of **1851**.

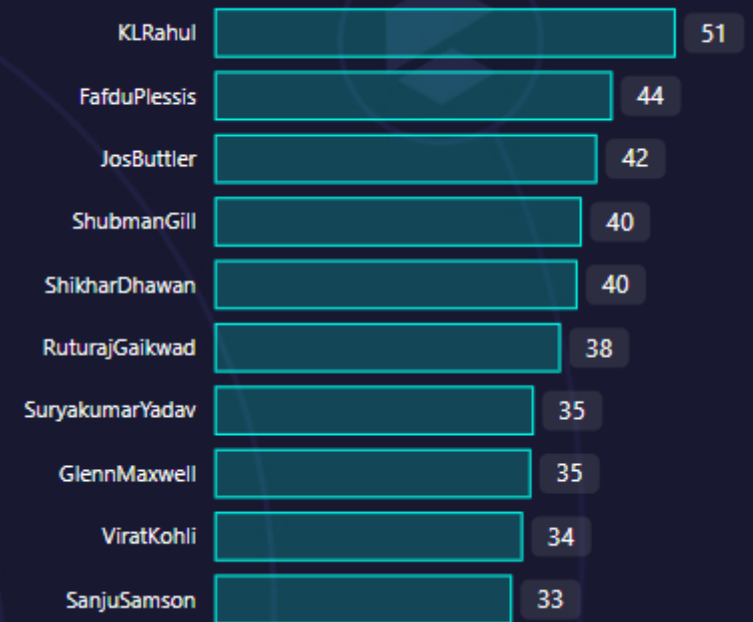
nearly Followed by **Fafduplessis** runs **1831**.

1.Top 10 batsmen vs strike rate



Glenn Maxwell has highest strike rate of **161**
followed by **Suryakumar Yadav**

1.Top 10 batsmen vs batting avg

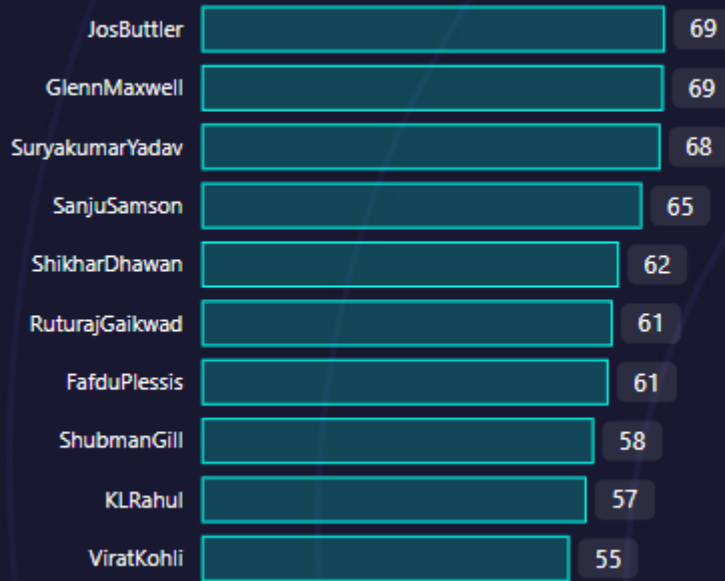


Batting average is higher for **KLRahul** .he has batting average **51** ,

followed by **faf** strike rate of **44**



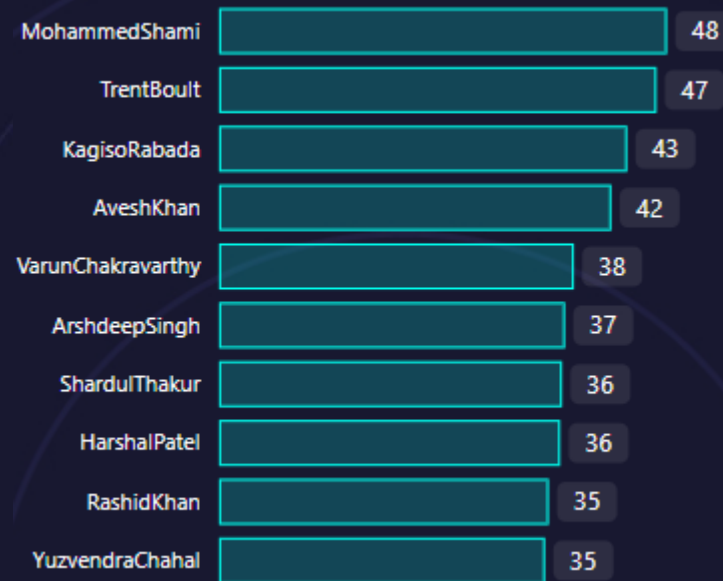
4. TOP 10 BATSMAN WITH BOUNDARY %



Jos Buttler and Glenn Maxwell has the capacity to hit boundaries and can set big score ,boundary hitting% is **69%**

nearly Followed by Suryakumar Yadav by **68%**.

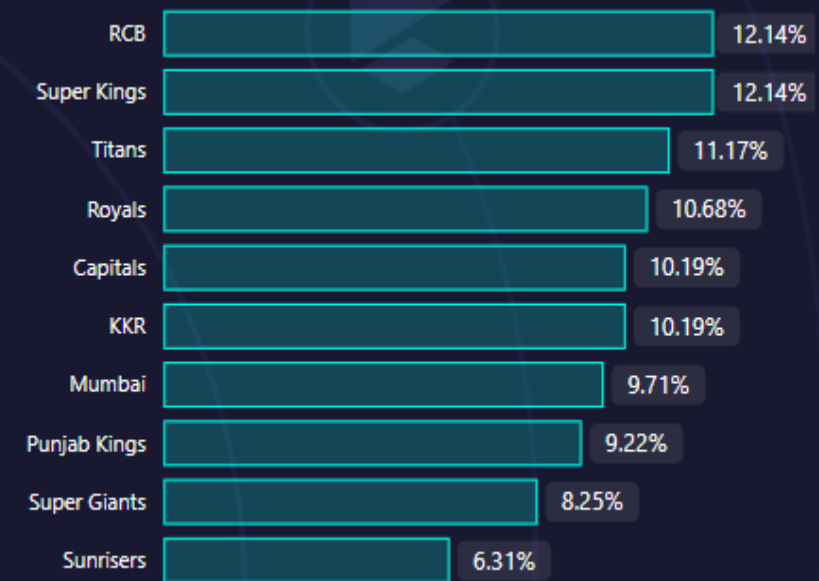
5.Top 10 BOWLERS with DOT BALLS %



Mohammed shami has the Dotball% of **48%** and can help his team by not allowing batsman to make runs

nearly Followed by Trend boult by **47%**.

6.Top 10 Teams vs winning %

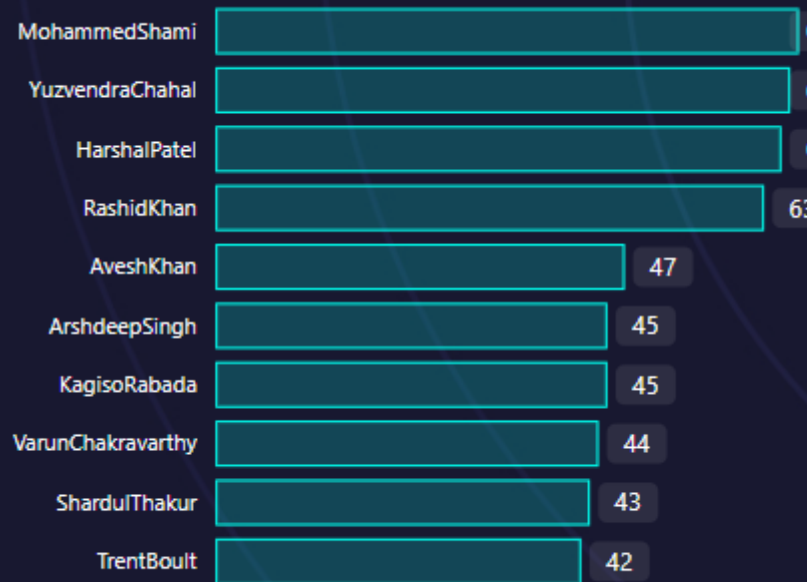


RCB has to capacity to win the match followed by **super kings** both has same winning percentage of **12.14%** over past 3 years

BOWLING ANALYSIS

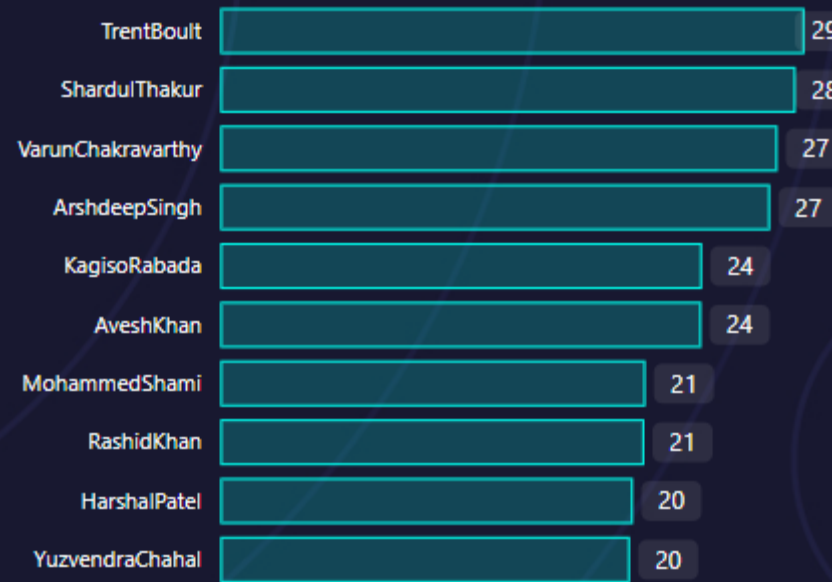


7.Top 10 bowler by wickets



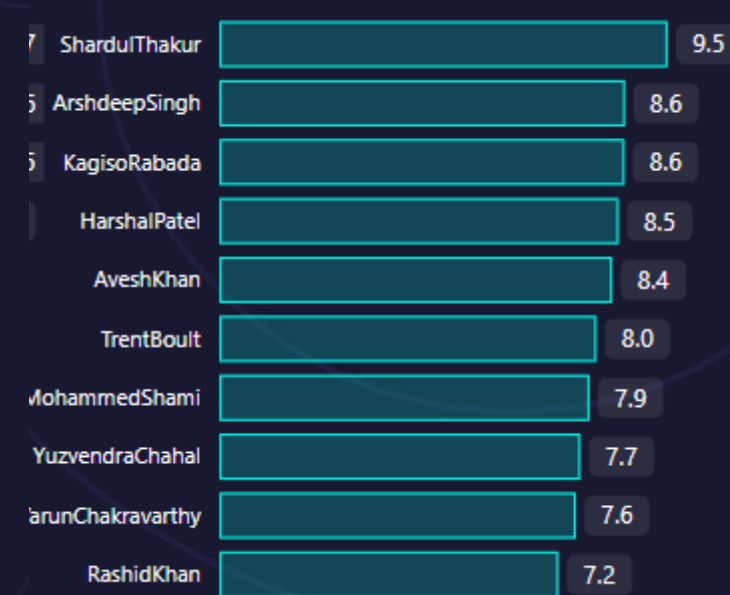
Mohammed shami has taken most wickets ie 67 followed by Yzvendra chahal

8.Top 10 bowler by bowling average



Maximum bowling average is by trent boult he has bowling avg of 29 followed by shardulthakur batting avg of 28

9.Top 10 bowler by economy



Rashid khan has the minimun economy of 7.2 and highest is for shardul thakur economy 9.5

PREDICTIONS

Qualifying teams



Rajasthan royals



KKR



CSK



SRH

Winners teams



Rajasthan royals



SRH



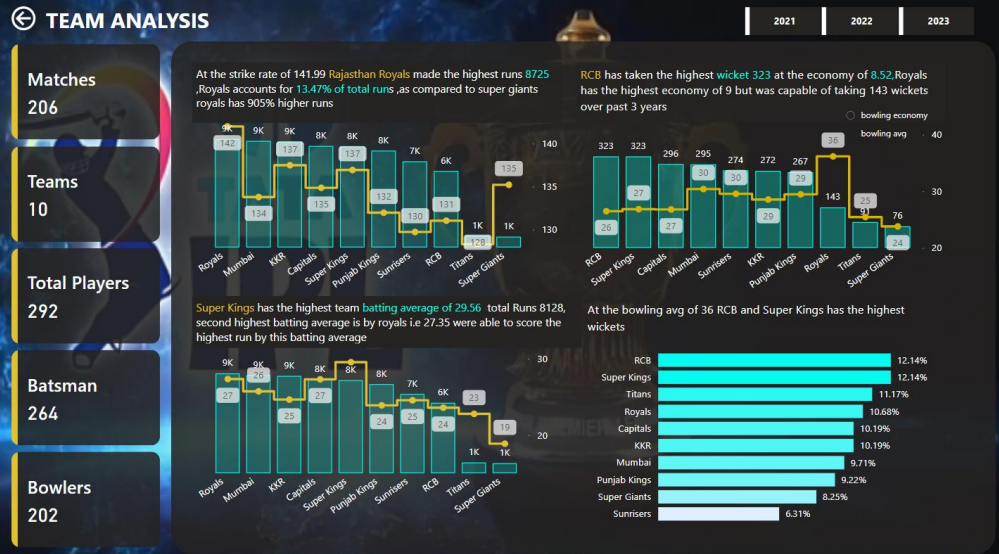
BEST 11

name	playingRole	runs	SR	batting avg	wickets	bowling avg	bowling economy
ShubmanGill	Opening Batter	1851	139.07	40.24			
FafduPlessis	Middle order Batter	1831	140.85	43.60			
RuturajGaikwad	Batter	1593	137.68	37.93			
KLRahul	Wicketkeeper Batter	1516	132.06	50.53			
ShikharDhawan	Opening Batter	1392	128.77	39.77			
GlennMaxwell	Batting Allrounder	1214	161.44	34.69	12	33	7.91
RavindraJadeja	Allrounder	533	137.73	31.35	37	27	7.46
RashidKhan	Bowling Allrounder	304	176.74	20.27	63	21	7.22
MohammedSiraj	Bowler	51	83.61	12.75	39	32	8.12
MohammedShami	Bowler	18	78.26	6.00	67	21	7.88
YuzvendraChahal	Bowler	15	42.86	15.00	66	20	7.68

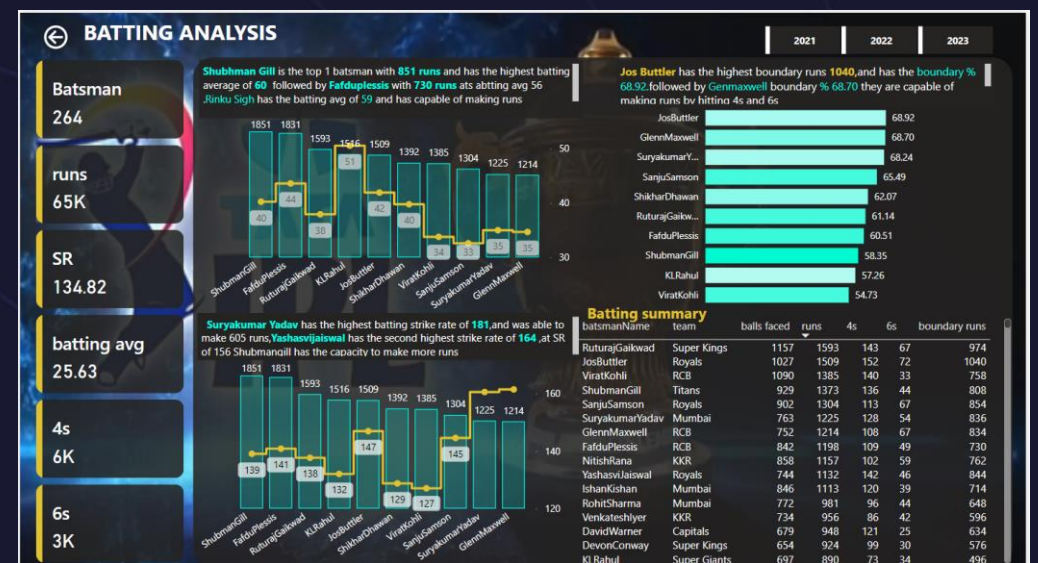
DASHBOARD



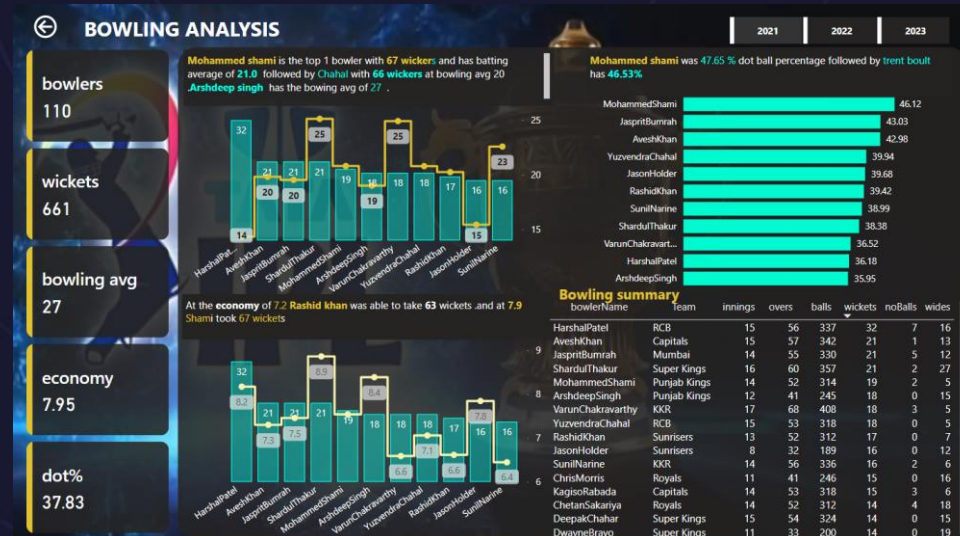
1.



2.



3.





THANK YOU

