



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



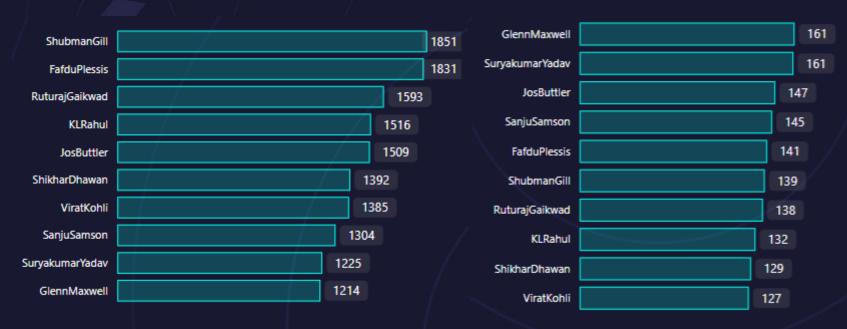
- 1.Top 10 batsmen based on past 3 years total runs scored.
- 2.Top 10 batsmen based on past 3 years batting average. (min 60 balls faced in each season)
- 3.Top 10 batsmen based on past 3 years strike rate (min 60 balls faced in each season) 4.Top 10 bowlers based on past 3 years total wickets taken.
- 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.

#### 1.Top 10 batsmen vs strike rate



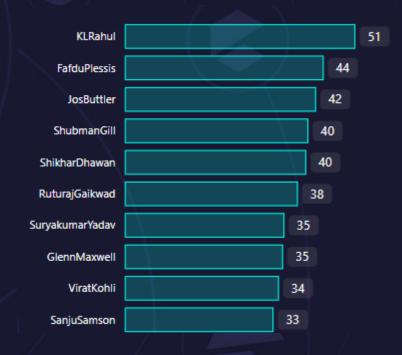
**Shubman gill has** excellence performance over past 3 year and has total runs of 1851.

nearly Followed by **Fafduplessis** runs 1831.

Glenn Maxwell has highest strike rate of 161

followed by Suryakumar Yadav

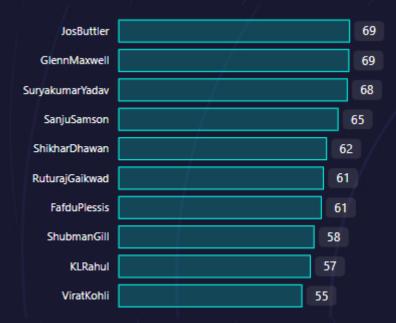
### 1.Top 10 batsmen vs batting avg



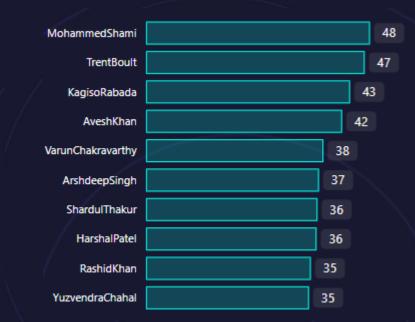
Batting average is higher for **KLRahul** .he has batting average 51 ,

followed by faf strike rate of 44

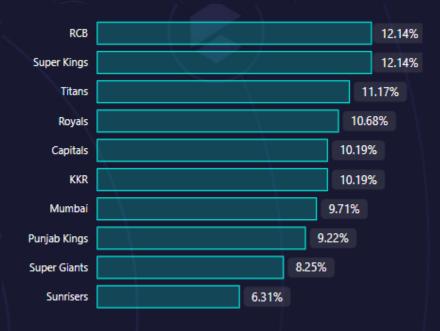
#### 4. TOP 10 BATSMAN WITH BOUNDARY %



#### 5.Top 10 BOWLERS with DOT BALLS %



6.Top 10 Teams vs winning %



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

nearly Followed by Suryakumar Yadav by 68%.

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

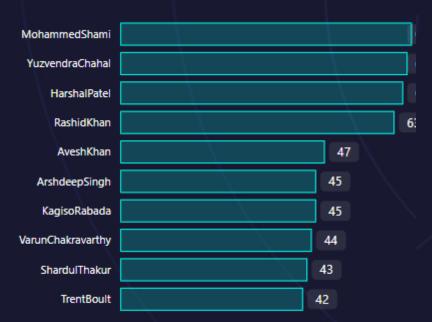
nearly Followed by Trend boult by 47%.

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

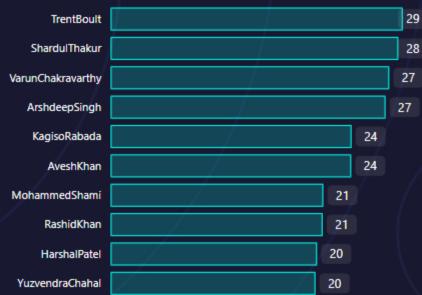


#### 7.Top 10 bowler by wickets



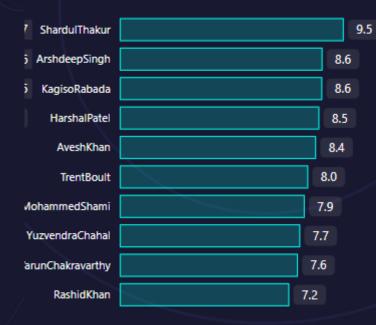
Mohammed shami has taken most wickets ie 67 followed by Yzvendra chahal

#### 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

# **PRIDICTIONS**



### **Qualifying teams**



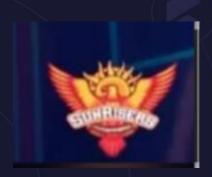
Rajasthan royals



**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





**⊕** BATTING ANALYSIS 2021 2022 nan Gill is the top 1 batsman with 851 runs and has the highest batting Jos Buttler has the highest boundary runs 1040, and has the boundary % average of 60 followed by Fafduplessis with 730 runs ats abtting avg 56 68.92 followed by Genmaxwell boundary % 68.70 they are capable of Batsman linku Sigh has the batting avg of 59 and has capable of making runs JosButtle 68.70 1392 1385 1304 1225 1214 68.24 runs 65.49 65K FafduPlessis E4 E3 E5 E5 58.35 SR ShubmanGill KI Rahul 134.82 ViratKohli ar Yadav has the highest batting strike rate of 181,and was able to 4s 6s boundary runs make 605 runs, Yashasvijaiswal has the second highest strike rate of 164, at SR batting avg 1157 1027 1090 974 of 156 Shubmangill has the capacity to make more runs 1593 1040 Royals RCB 1509 1385 25.63 929 902 ShubmanGill Titans SaniuSamson 128 108 SuryakumarYadav Mumbai 4s RCB 842 858 1198 6K 6s KKR 3K DevonConway KLRahul 890



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