INDIAN PREMIER LEAGUE

Presented by – Sports Basic

Attribute –Codebasics & IPL-BCCI (Board of Control for Cricket in India)

IPL OVERVIEW

The Indian Premier League (IPL) is a big cricket league in India where teams from different cities play fast-paced matches. People all over the world love it because of its exciting games and famous players. The IPL mixes fun and competition well, keeping lots of fans hooked. It's changed cricket a lot, making it more than just a sport, but a big cultural event.

Formed in - 2008

Format – Twenty20

Total Teams - 10

Administrator BCCI

IPL TEAMS

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.

OBJECTIVE

Primary Insights

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.

Secondary Insights

1. Orange and purple cap player
2. Top 4 qualifying teams
3. Winner and runner-up

Your Picks

4. Pick your team selecting the **Best 11** players based on their positions, 3 years performance data and additional research
5. Pick your top 3 all-rounders

Top 10 batsmen based on past 3 years total runs scored

batsmanName	Team	Innings	Balls	Total runs	Strike_rate
ShubmanGill	KKR	50	1331	1851	139.07
FafduPlessis	CSK	46	1300	1831	140.85
RuturajGaikwad	CSK	45	1157	1593	137.68
KLRahul	PBKS	37	1148	1516	132.06
JosButtler	RR	38	1027	1509	146.93
ShikharDhawan	DC	40	1081	1392	128.77
ViratKohli	RCB	45	1090	1385	127.06
SanjuSamson	RR	45	902	1304	144.57
SuryakumarYadav	MI	38	763	1225	160.55
GlennMaxwell	RCB	41	752	1214	161.44

Top 10 batsmen based on past 3 years batting average

Player Name	Team	Innings	Total runs	Strike_rate	AVG	Balls_Played
KLRahul	PBKS	37	1516	132.06	50.53	1148
FafduPlessis	CSK	46	1831	140.85	43.60	1300
JosButtler	RR	38	1509	146.93	41.92	1027
ShubmanGill	KKR	50	1851	139.07	40.24	1331
ShikharDhawan	DC	40	1392	128.77	39.77	1081
RuturajGaikwad	CSK	45	1593	137.68	37.93	1157
DavidWarner	SRH	33	1137	133.45	37.90	852
ViratKohli	RCB	45	1385	127.06	33.78	1090
SanjuSamson	RR	45	1304	144.57	32.60	902
NitishRana	KKR	44	1157	134.85	29.67	858

Top 10 batsmen based on past 3 years strike rate

BatsmanName	Team	Innings	Total runs	Balls	Strike_rate
PrithviShaw	DC	32	815	532	153.20
ShimronHetmyer	DC	40	854	543	157.27
AndreRussell	KKR	35	745	468	159.19
DineshKarthik	KKR	44	693	454	152.64
SuryakumarYadav	MI	38	1225	763	160.55
NicholasPooran	PBKS	38	729	464	157.11
GlennMaxwell	RCB	41	1214	752	161.44
JosButtler	RR	38	1509	1027	146.93
YashasviJaiswal	RR	34	1132	744	152.15

Top 10 batsmen based on past 3 years boundary %

batsmanName	Team	Innings	Runs	Strike_rate	Boundary %
AveshKhan	DC	6	27	158.82	81.5%
DavidWiese	KKR	3	21	190.91	85.7%
AkashDeep	RCB	2	17	170.00	82.4%
ShreyasGopal	RR	3	16	133.33	87.5%
MarkWood	LSG	2	11	220.00	90.9%

Top 10 bowler based on past 3 years total wickets taken

Bowler Name	Team	Style	Total Innings	Total Balls	Wickets filter	Economy Rate
MohammedShami	PBKS	Right arm Fast	47	1072	67	7.86
YuzvendraChahal	RCB	Legbreak Googly	46	1043	66	7.67
HarshalPatel	RCB	Right arm Medium	43	941	65	8.44
RashidKhan	SRH	Legbreak Googly	46	1097	63	7.20
AveshKhan	DC	Right arm Fast medium	37	802	47	8.34
KagisoRabada	DC	Right arm Fast	33	744	45	8.62
ArshdeepSingh	PBKS	Left arm Medium fast	40	853	45	8.58
VarunChakravarthy	KKR	Legbreak Googly	42	958	44	7.57
ShardulThakur	CSK	Right arm Medium	39	775	43	9.45
TrentBoult	MI	Left arm Fast medium	40	908	42	8.00

Top 10 bowler based on past 3 years bowling average

Bowler Name	Team	Style	Balls	Average	Bowling SR	Wickets
MoeenAli	CSK	Right arm Offbreak	427	23.86	20.33	21
AnrichNortje	DC	Right arm Fast	556	24.77	17.94	31
KagisoRabada	DC	Right arm Fast	744	23.76	16.53	45
AveshKhan	DC	Right arm Fast medium	802	23.72	17.06	47
AndreRussell	KKR	Right arm Fast	374	18.23	10.69	35
MohammedShami	PBKS	Right arm Fast	1072	20.97	16.00	67
YuzvendraChahal	RCB	Legbreak Googly	1043	20.20	15.80	66
HarshalPatel	RCB	Right arm Medium	941	20.35	14.48	65
RashidKhan	SRH	Legbreak Googly	1097	20.90	17.41	63
UmranMalik	SRH	Right arm Fast	487	26.10	16.79	29

Top 10 bowler based on past 3 years economy rate

Bowler Name ▲	Team	Style	Balls	Average	Wickets	filter Economy Rate
MoeenAli	CSK	Right arm Offbreak	427	23.86	21	7.04
RavindraJadeja	CSK	Slow Left arm Orthodox	816	27.41	37	7.46
RavichandranAshwin	DC	Right arm Offbreak	940	35.61	33	7.50
AxarPatel	DC	Slow Left arm Orthodox	792	31.30	30	7.11
VarunChakravarthy	KKR	Legbreak Googly	958	27.48	44	7.57
SunilNarine	KKR	Right arm Offbreak	960	29.33	36	6.60
RahulChahar	MI	Legbreak Googly	836	30.37	35	7.63
KrunalPandya	MI	Slow Left arm Orthodox	679	35.13	24	7.45
HarpreetBrar	PBKS	Slow Left arm Orthodox	397	27.94	18	7.60
RashidKhan	SRH	Legbreak Googly	1097	20.90	63	7.20

Top 10 bowler based on past 3 years dot ball %.

Bowler Name	Team	Style	Balls	Wickets	Total dot balls	Dot ball %
TrentBoult	MI	Left arm Fast medium	908	42	421	46.37%
MohammedShami	PBKS	Right arm Fast	1072	67	510	47.57%
MohammedSiraj	RCB	Right arm Fast	918	39	438	47.71%
KhaleelAhmed	SRH	Left arm Fast medium	571	30	249	43.61%
UmranMalik	SRH	Right arm Fast	487	29	215	44.15%

Team point tables based on past three years performance

Team	Win	Win %	Point	Chase	Defend
CSK	29	70.73%	56	15	14
PBKS	27	65.85%	50	16	11
RR	27	65.85%	53	14	13
RCB	26	63.41%	50	11	15
MI	19	46.34%	32	12	7
KKR	18	43.90%	32	11	7
DC	16	39.02%	31	9	7
SRH	15	36.59%	26	11	4
GT	14	34.15%	28	5	9
LSG	14	34.15%	28	2	12

Top 4 teams based on past 3 years winning %

Team	Win	Win %	Point
CSK	29	70.73%	56
RR	27	65.85%	53
PBKS	27	65.85%	50
RCB	26	63.41%	50

Top 2 teams based on past 3 years winning by chase

Team	Win	Chase	Point
PBKS	27	16	50
CSK	29	15	56

The analysis below is based on last two years performance.

NOTE - Gujarat Titans, formed in 2022, have also achieved great performance as a new team.

Top 4 Based on Win by Chase

Team	Win	Point	Chase	Defend
CSK	9	18	3	6
RCB	9	17	4	5
GT	7	14	2	5
LSG	6	12	1	5

Top 4 Based on Match Point

Team	Win	Win %	Point
CSK	9	21.95%	18
PBKS	9	21.95%	18
RCB	9	21.95%	17
GT	7	17.07%	14

Top 4 Based on Win %

Team	Win	Win %
CSK	9	21.95%
GT	7	17.07%
PBKS	9	21.95%
RCB	9	21.95%

Cap winner players

Top 5 Orange Cap Competitor

Batsman Name	Team	Runs 2021	Runs 2022	Runs 2023	Total runs ▼
ShubmanGill	KKR	478	483	851	1851
FafduPlessis	CSK	633	468	730	1831
RuturajGaikwad	CSK	635	368	564	1593
KLRahul	PBKS	626	616	274	1516
JosButtler	RR	254	863	392	1509

ORANGE CAP WINNER

SUBHMAN GILL

Top Wicket Taker Bowler
(PURPLE CAP)

Top 5 Purple Cap Competitor

Bowler Name	Team	Wickets 2021	Wickets 2022	Wickets 2023	Total Wickets ▼
MohammedShami	PBKS	19	20	28	67
YuzvendraChahal	RCB	18	27	21	66
HarshalPatel	RCB	32	19	14	65
RashidKhan	SRH	17	19	27	63
AveshKhan	DC	21	18	8	47

PURPLE CAP WINNER

MOHAMMED SHAMI

WINNER

TOP 2

TOP 4

Top allrounders based on past 3years performance

Top Allrounders Proficiency	Batting AVG 28.17	Batting SR 152.62	Bowling AVG 23.00	Bowling SR 17.95	Economy 7.69

Top Allrounders

Name	Team	Role	Batting Style	Bowling Style	Batting AVG	Batting SR	Bowling AVG	Bowling SR	Economy
RavindraJadeja	CSK	Allrounder	LHB	Slow Left arm Orthodox	31.35	137.73	27.41	22.05	7.46
GlennMaxwell	RCB	Batting Allrounder	RHB	Right arm Offbreak	34.69	161.44	32.83	25.17	7.83
MoeenAli	CSK	Batting Allrounder	LHB	Right arm Offbreak	23.39	137.31	23.86	20.33	7.04
AndreRussell	KKR	Allrounder	RHB	Right arm Fast	27.59	159.19	18.23	10.69	10.24
RashidKhan	SRH	Bowling Allrounder	RHB	Legbreak Googly	20.27	176.74	20.90	17.41	7.20

My top 2 allrounders

RAVINDRA JADEJA

Batting AVG - 31.35

Batting SR - 137.75

Bowling SR - 27.41

Economy - 7.46

ANDRE RUSSELL

Batting AVG - 27.59

Batting SR - 159.19

Bowling SR - 10.69

Economy - 10.24

My dream team

Team Proficiency	Batting AVG 34.29	Batting SR 141.40	Bowling AVG 22.92	Bowling SR 17.36	Economy 7.92

MY POTENTIAL 11

Name	Team	Role	Batting Style	Bowling Style	Batting AVG	Batting SR	Bowling AVG	Bowling SR	Economy	Batting Order
ShubmanGill	KKR	Opening Batter	RHB	Right arm Offbreak	40.24	139.07				1
FafduPlessis	CSK	Middle order Batter	RHB	Legbreak	43.60	140.85				2
ViratKohli	RCB	Top order Batter	RHB	Right arm Medium	33.78	127.06				3
SuryakumarYadav	MI	Batter	RHB	Right arm Medium, Right arm Offbreak	35.00	160.55				4
RavindraJadeja	CSK	Allrounder	LHB	Slow Left arm Orthodox	31.35	137.73	27.41	22.05	7.46	5
AndreRussell	KKR	Allrounder	RHB	Right arm Fast	27.59	159.19	18.23	10.69	10.24	6
RashidKhan	SRH	Bowling Allrounder	RHB	Legbreak Googly	20.27	176.74	20.90	17.41	7.20	7
MohammedShami	PBKS	Bowler	RHB	Right arm Fast	6.00	78.26	20.97	16.00	7.86	8
TrentBoult	MI	Bowler	RHB	Left arm Fast medium	19.00	121.28	28.81	21.62	8.00	9
ArshdeepSingh	PBKS	Bowler	LHB	Left arm Medium fast	8.33	73.53	27.11	18.96	8.58	10
YuzvendraChahal	RCB	Bowler	RHB	Legbreak Googly	15.00	42.86	20.20	15.80	7.67	11

CONCLUSION

Dashboard

• Shubman Gill and Faf du Plessis have been the top scorers in the last three years.

• In 2021, Ruturaj Gaikwad was the top scorer, while Jos Buttler dominated in 2022, and Shubman Gill took the lead in 2023.

• While Andre Russell has hit the most boundaries in his total runs, it's clear that Yashasvi Jaiswal has scored similarly and maintained a similar boundary percentage.

• Mohammed Shami has taken the most wickets over the past three years, closely followed by Yuzvendra Chahal, who is just one wicket behind.

• The top wicket-takers for each year are: Harshal Patel in 2021, Yuzvendra Chahal in 2022, and Mohammed Shami in 2023.

• Moeen Ali, Ravindra Jadeja, Lalit Yadav, Andre Russell, Maxwell, and Rashid Khan are standout all-rounders. Notably, Andre Russell shines as the most economical bowler, boasting a strike rate of approximately 160.

• However, it's important to consider that GT and LSG only participated in the 2022 and 2023 seasons. Therefore, it wouldn't be fair to judge them solely based on three years of data.

• Looking at the winner and runner-up predictions, CSK is expected to clinch the title due to its consistent performance and high winning percentage over the three years. GT, with its notable achievements in the two years it participated, is likely to secure the runner-up position.

THANK YOU

Sports Basic