

Indian Premiere League Analysis and Prediction





Problem Statement

"Sports basics" is a sport blog company. They wanted to get more traffic to their websites by releasing a special edition magazine on IPL 2024. Magazine aims to provide interesting insight and facts for fans, analysts.



Data Provided

Data provided by company is of last 3 years (2021-2023). Data is in form of csv file and there is four files which gives information about batsman ,bowlers, match summary and players information.



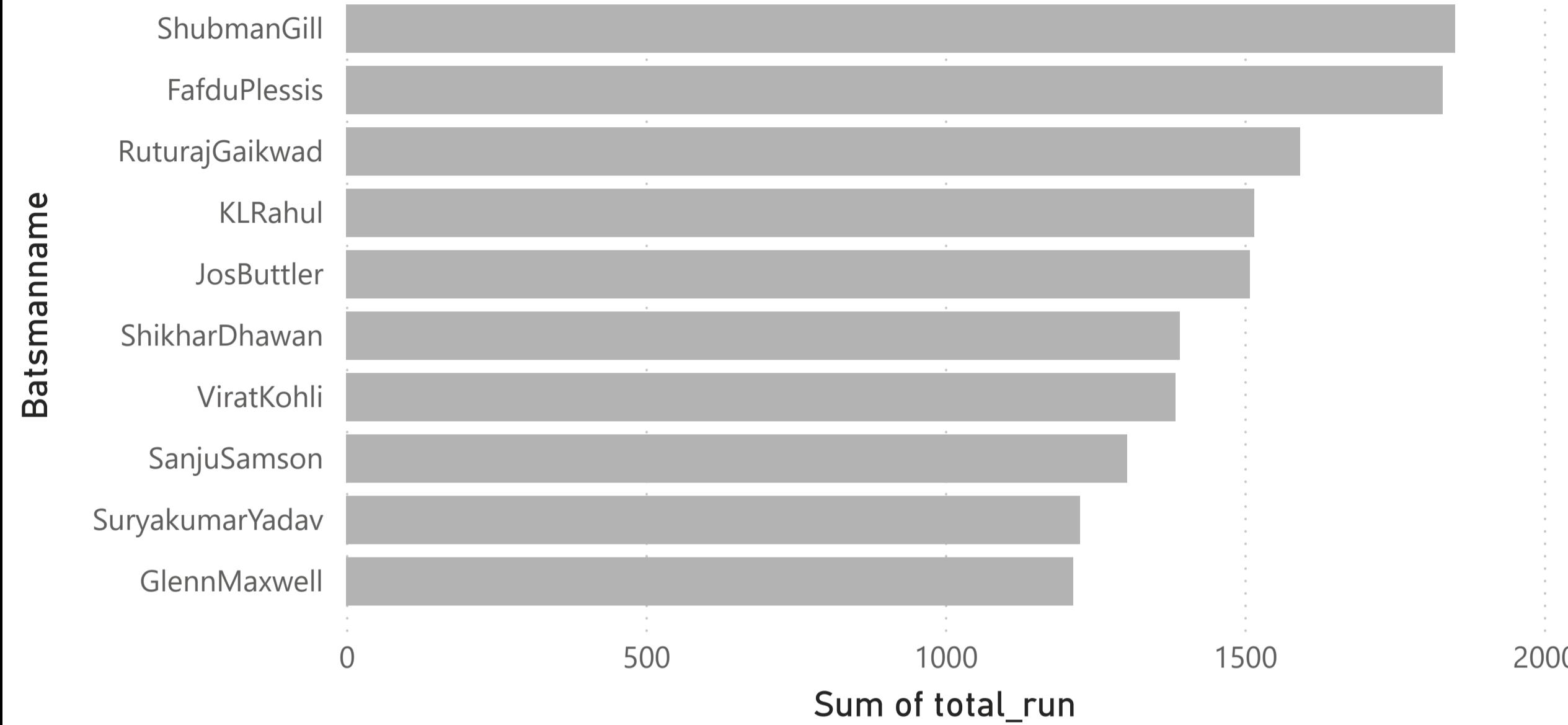
Purpose

As a analyst i studied the data and made some conclusion on bases of facts and figure. Also i tried to make reports easy to read which could help Sport basics to make efficient decisions.

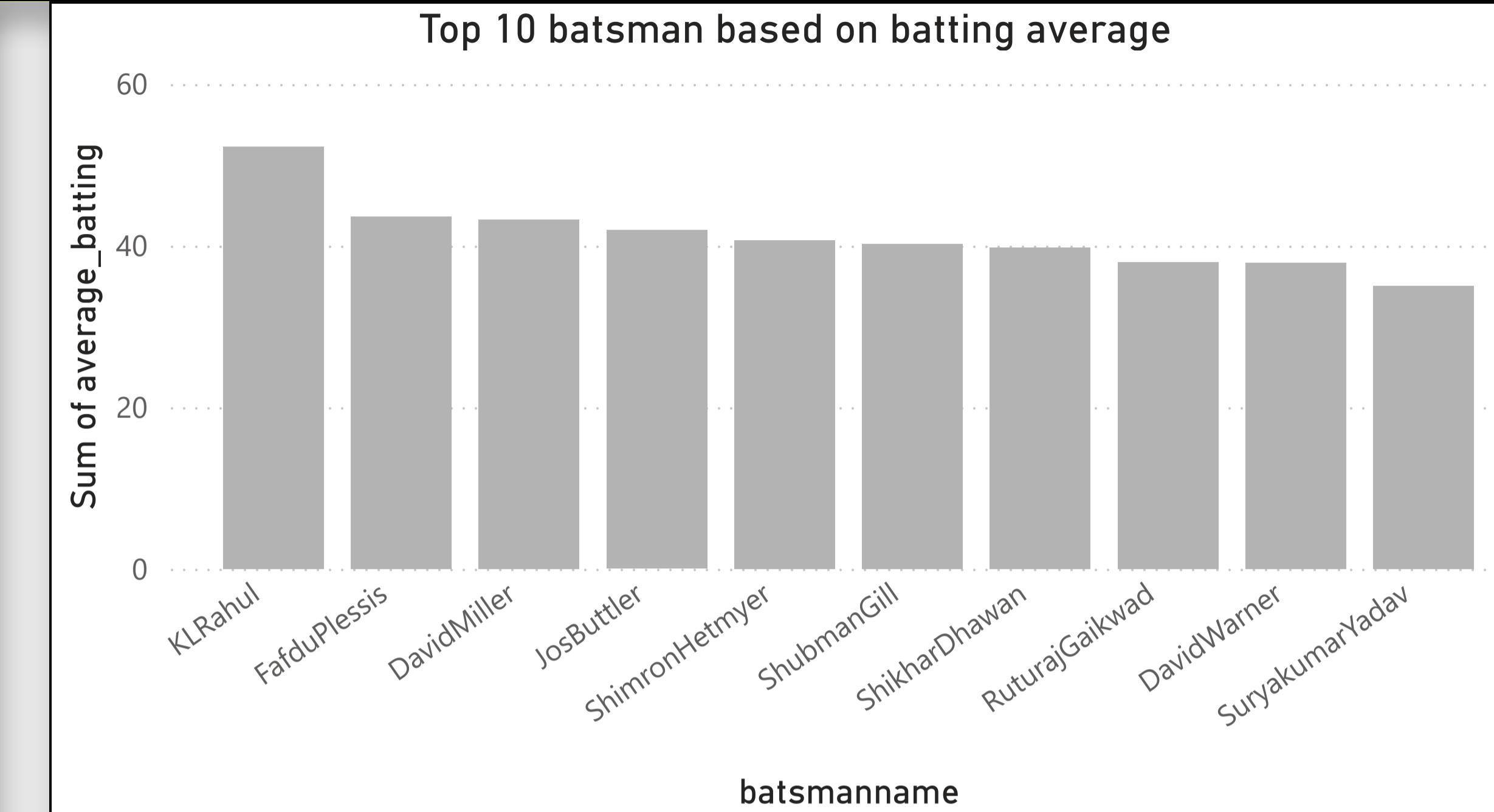
Primary Insights(Batsman stats)



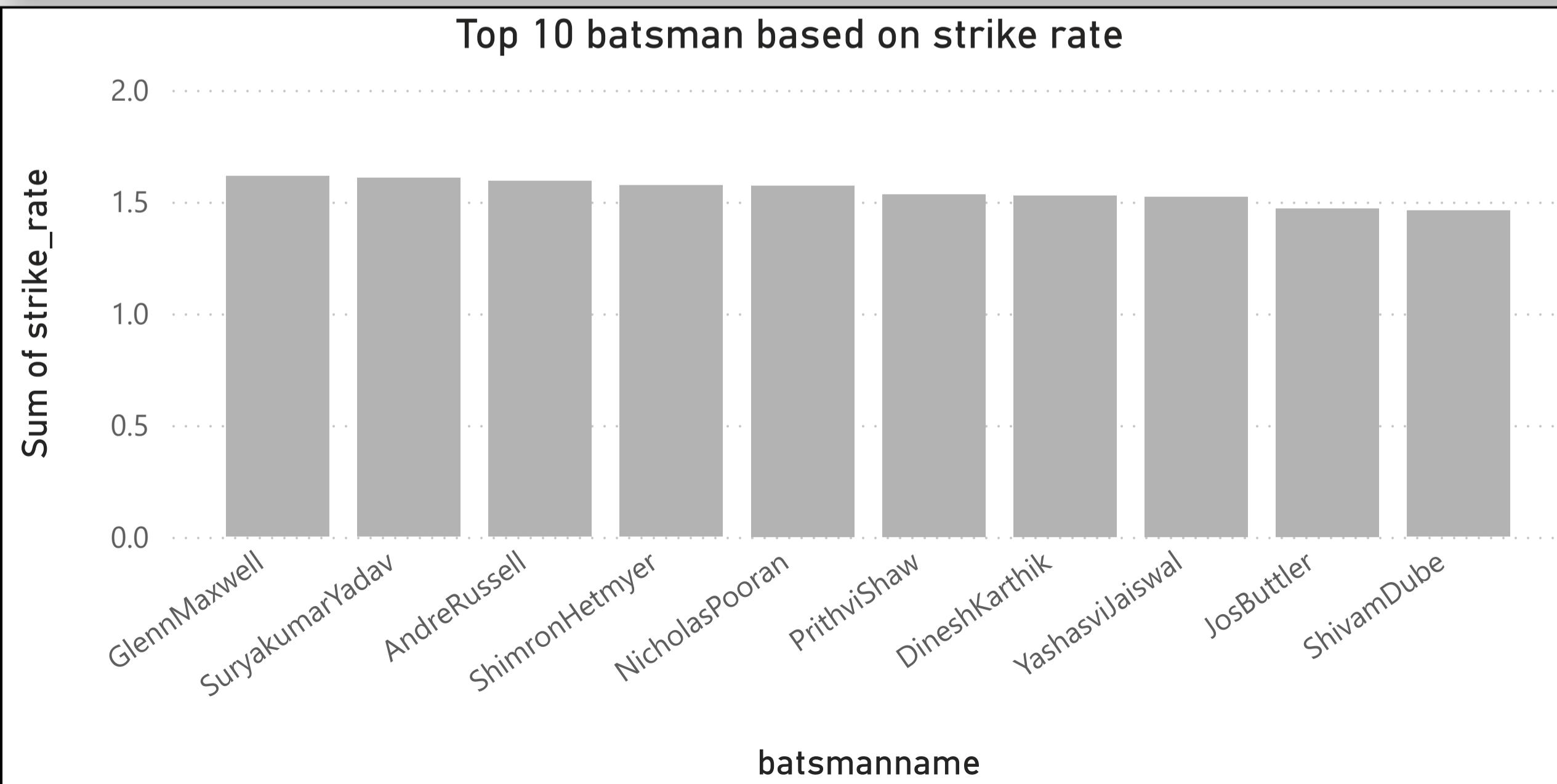
Top 10 batsman based on runs scored



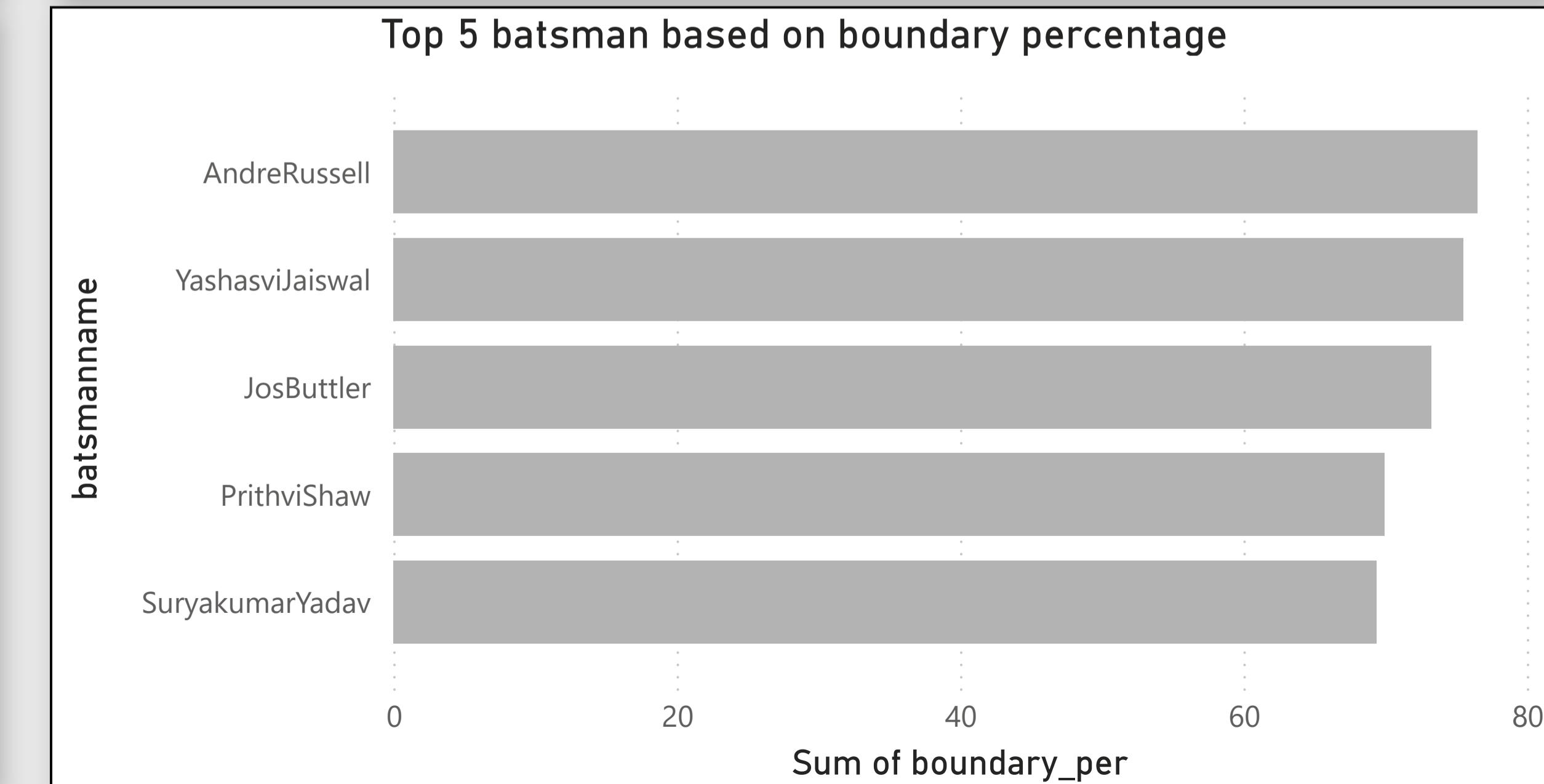
Top 10 batsman based on batting average



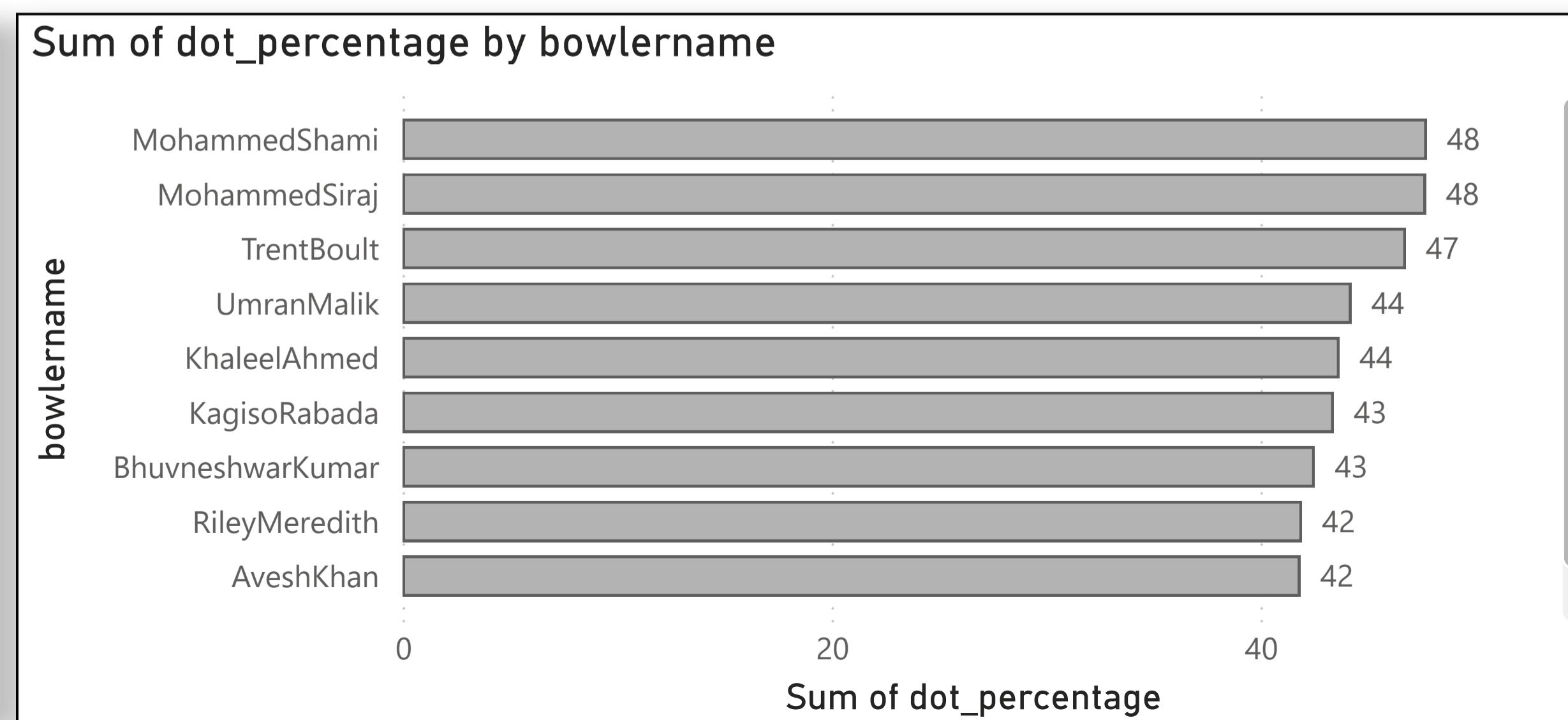
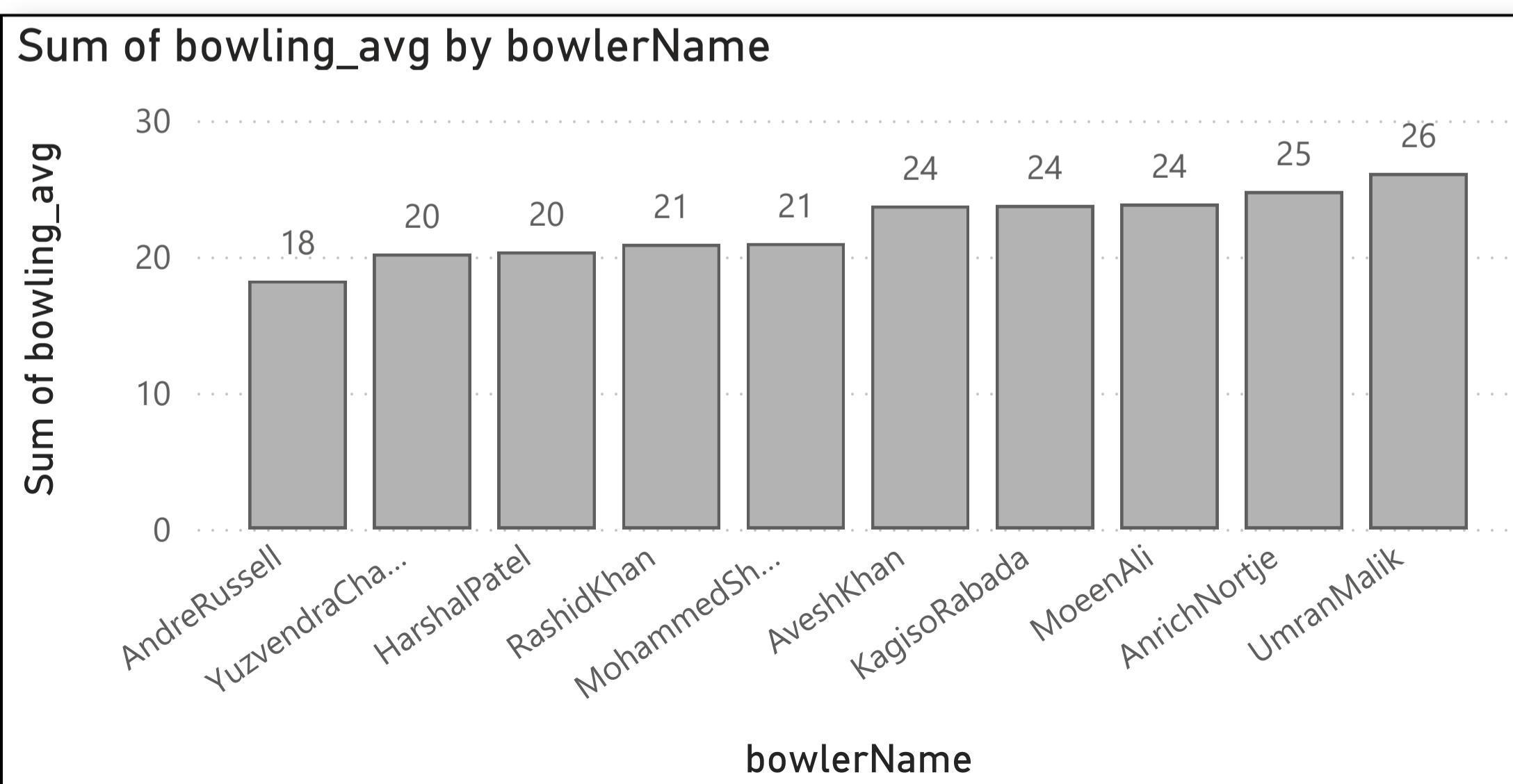
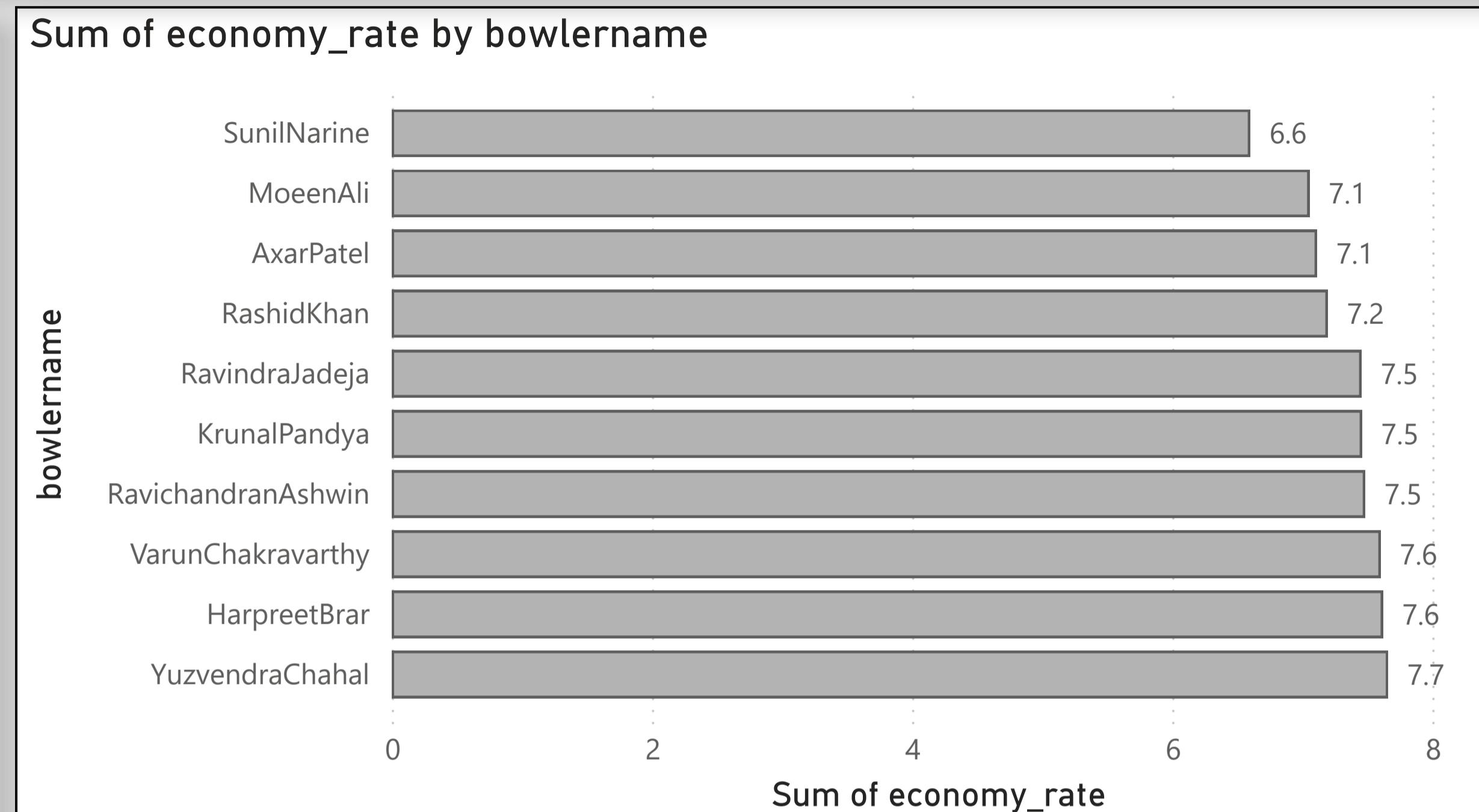
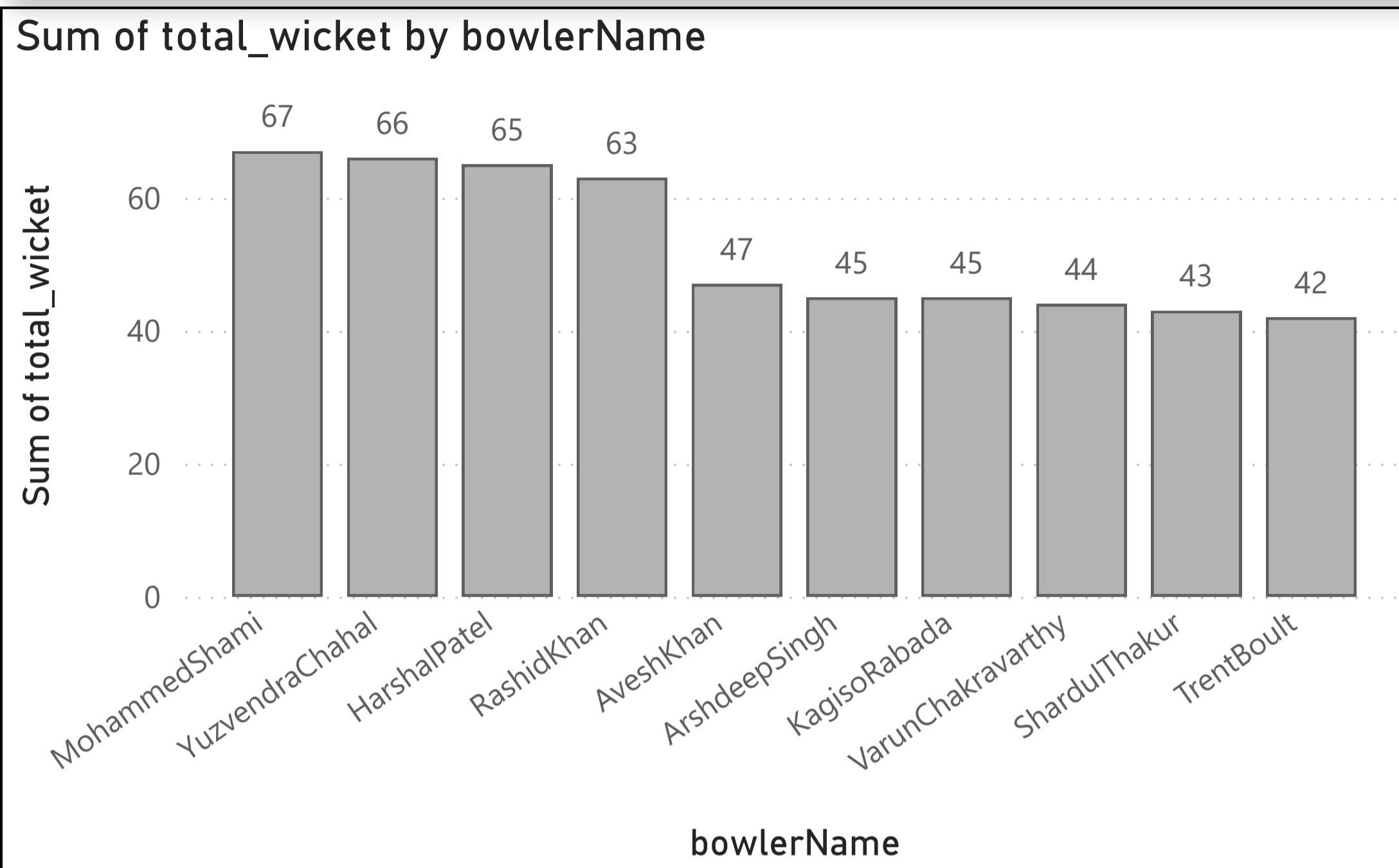
Top 10 batsman based on strike rate



Top 5 batsman based on boundary percentage



Primary Insights (Bowler Stats)

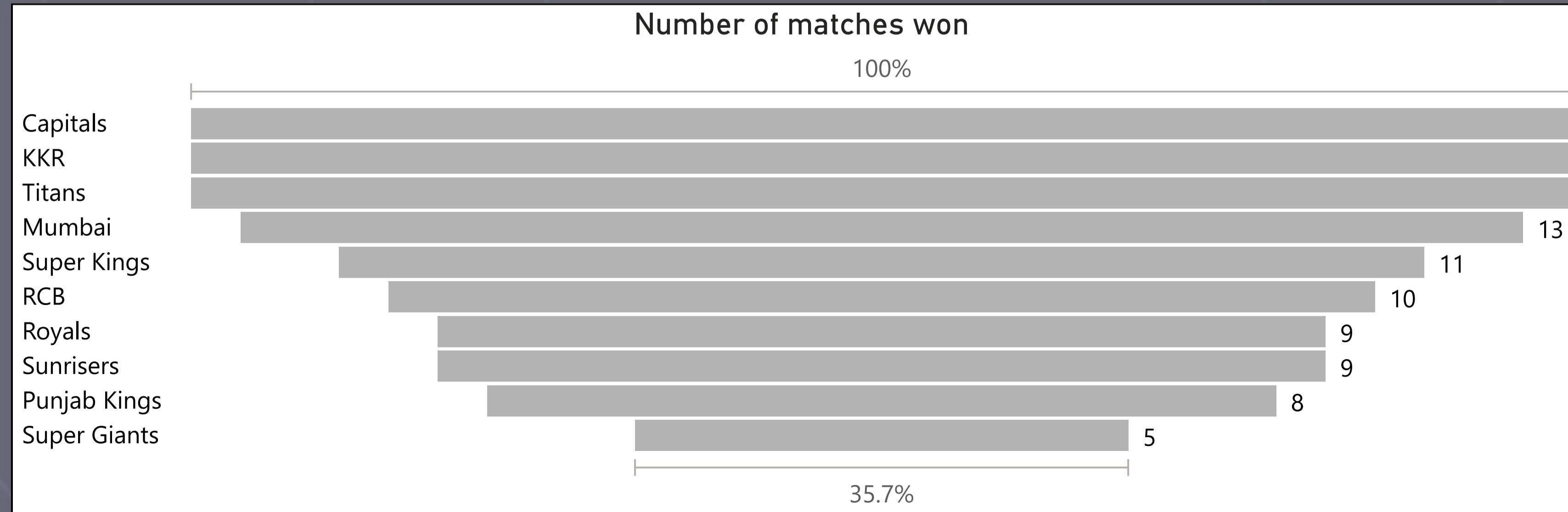


Primary Insights

Teams Stats

Teams	Sum of no_of_participation	Sum of tot_match_winner	Winning Percentage
Gujrat Titans	33	23	69.70
Lucknow Super Giants	29	17	58.62
Chennai Super Kings	45	25	55.56
RCB	45	25	55.56
Rajasthan Royals	45	22	48.89
Delhi Capitals	43	21	48.84
KKR	45	21	46.67
Mumbai Indians	44	20	45.45
Punjab Kings	42	19	45.24
Sunrisers Hyderabad	41	13	31.71
Total	412	206	506.22

Number of matches won





IPL ANALYSIS

Select Season

All



Title winner

Chennai Super kings



Orange cap

Shubman Gill
1851



Purple cap

Mohammed Shami
67



Boundaries

8563

Select Batsman

Virat Kohli

Total Runs

1385

sixes

33

Fours

140

Strike Rate

127.06

Select Bowler

Mohammed Shami

Total Wickets

67

Bowling Average

20.97

Economy

7.88

Number of matches team won

Chennai Super kings

25

RCB

25

Gujrat Titans

23

Rajasthan Royals

22

Delhi Capitals

21

KKR

21

Mumbai Indians

20

Punjab Kings

19

Super Giants

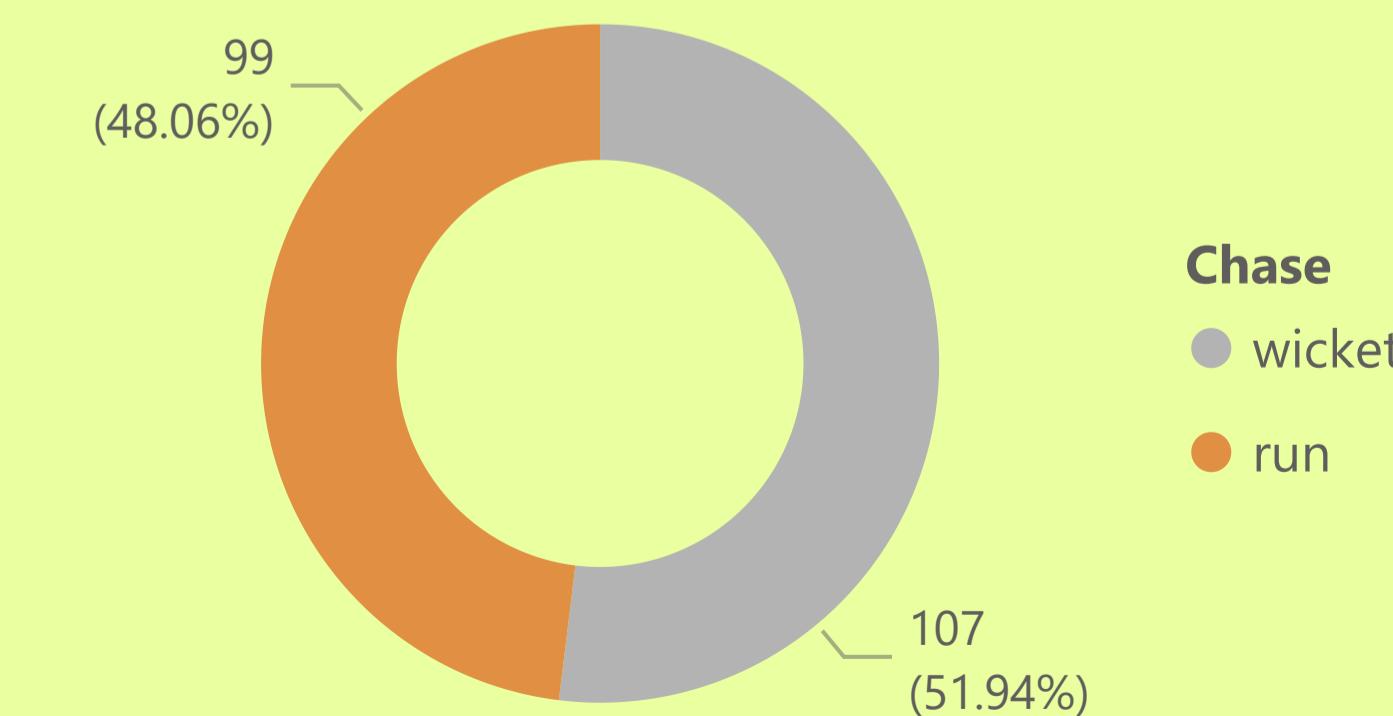
17

0 10 20
Count of matches

Total runs scored

Teams	Total Run Scored
Chennai Super kings	8117
RCB	7700
Gujrat Titans	7280
Rajasthan Royals	7241
Mumbai Indians	6491
Delhi Capitals	6316
Punjab Kings	6116
KKR	5934
Total	64772

Match win by result type





Purple Cap



Mohammed Shami



Yuzvendra Chahal

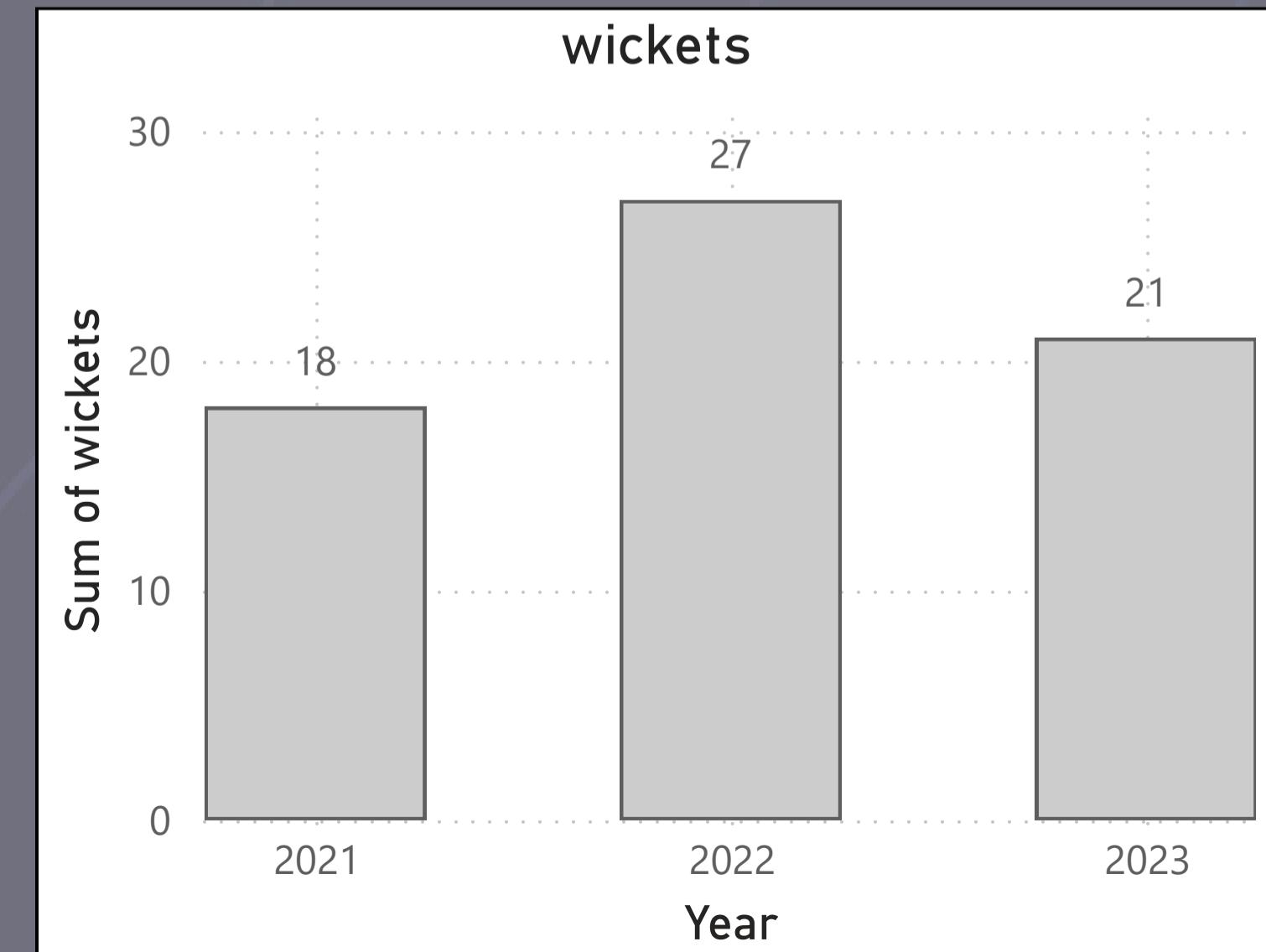
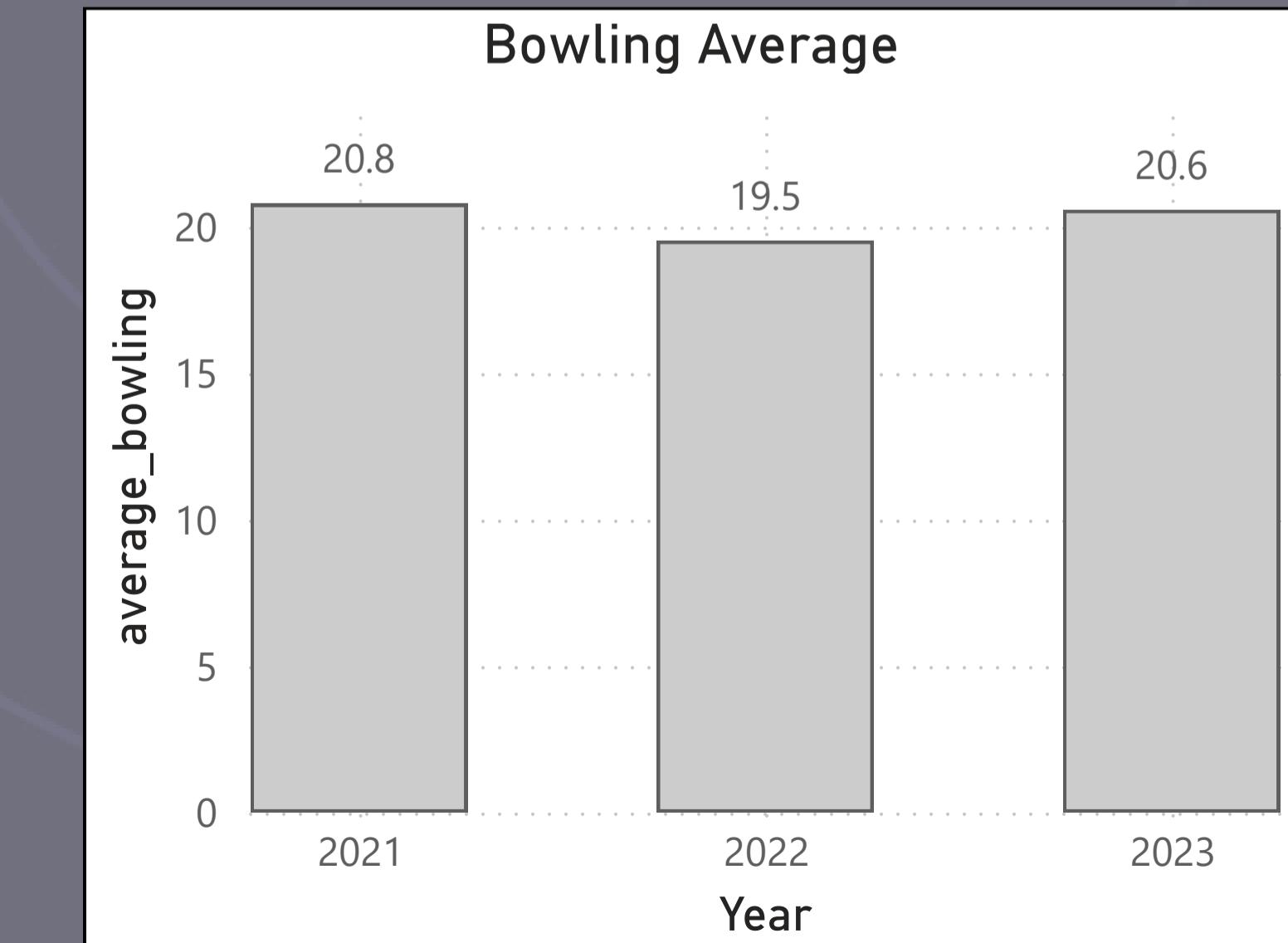


Harshal Patel

Select Season

Select Bowler

bowlerName	Year	Sum of runs	Sum of wickets	average_bowling
YuzvendraChahal	2021	374	18	20.78
YuzvendraChahal	2022	527	27	19.52
YuzvendraChahal	2023	432	21	20.57
Total		1333	66	20.20





Orange cap



Virat Kohli



Shubman Gill



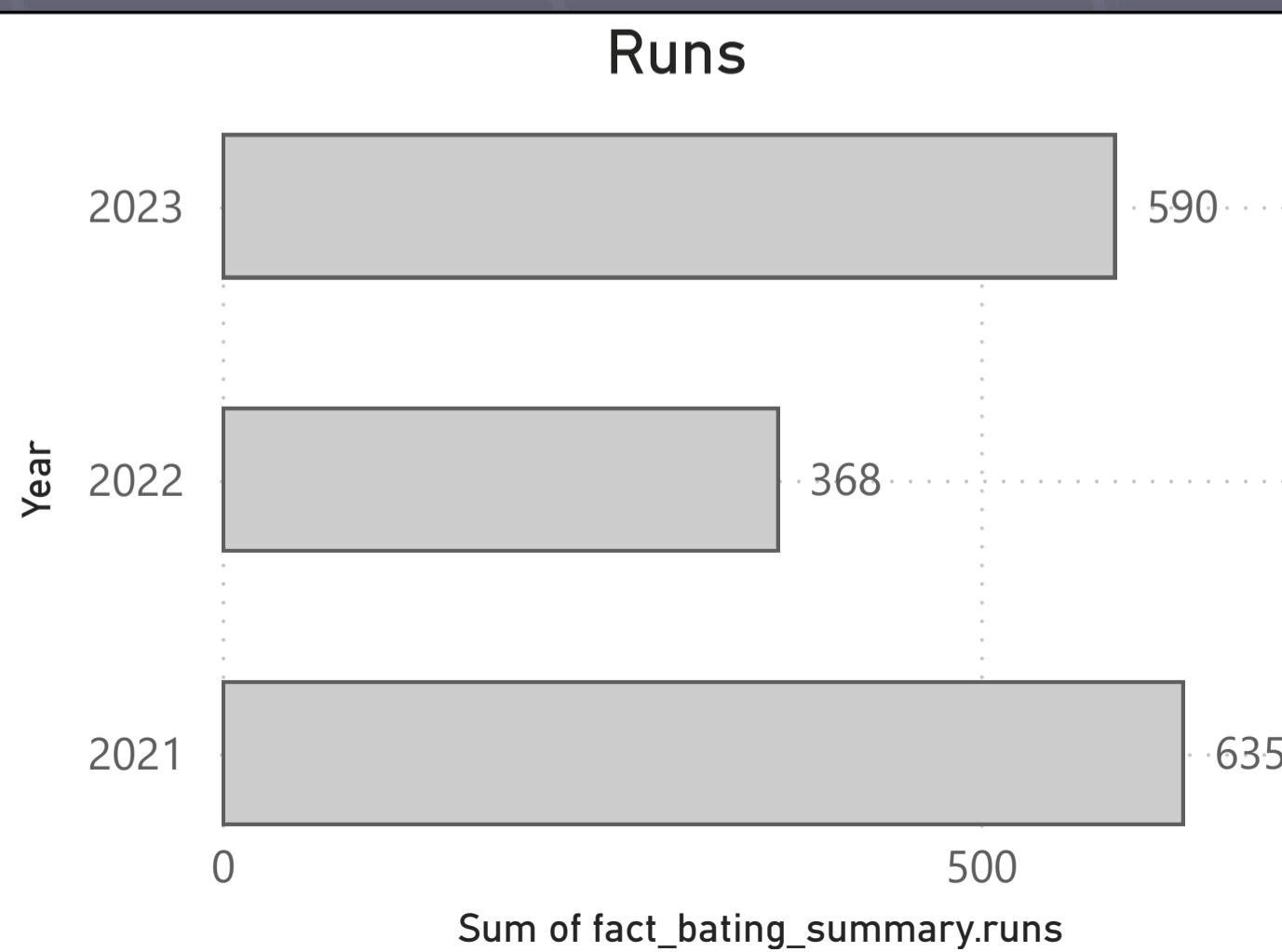
Ruturaj Gaikwad

Select Season

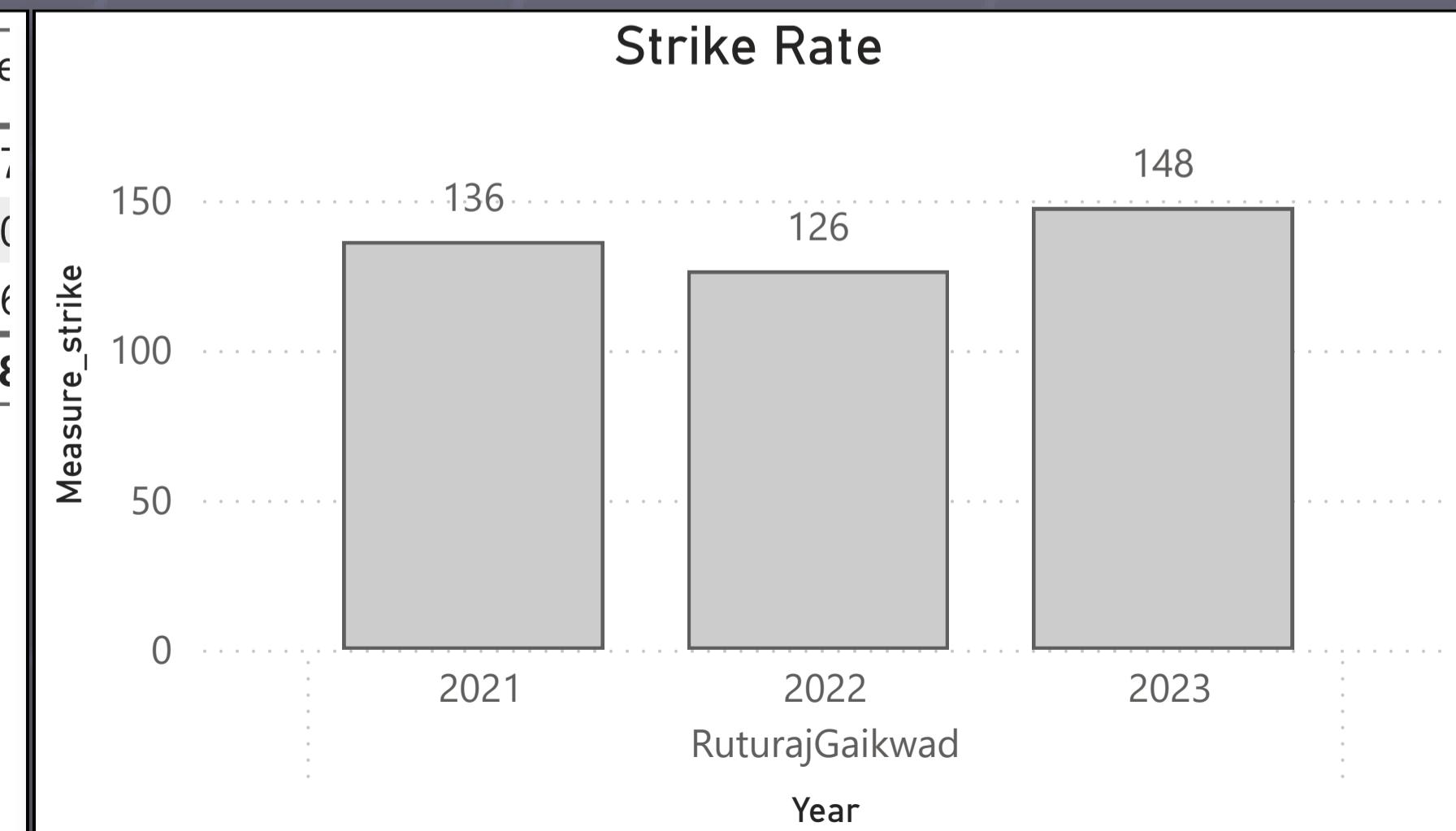
All

Select Batsman

RuturajGaikwad



Batsman name	Total Run	Total ball faced	Year	Measure_strike
RuturajGaikwad	635	466	2021	136.21
RuturajGaikwad	590	400	2023	147.50
RuturajGaikwad	368	291	2022	126.46
Total	1593	1157		137.68



Top 4 qualifying team



Winner and Runner up



Best 11 players

Virat Kohli

Glenn Maxwell

Faf du Plessis

Mohammed Siraj

Shubman Gill

Mohammed Shami

K L Rahul

Andre Russell

Jos Buttler

Yuzvendra Chahal

Harshal Patel

Top 3 all-rounders

K L RAHUL

Andre Russell

Jos Buttler