

# Cricket Analytica



# Three Stories

3 Incidents are taken for analysis

- Incident 1

Virat Kohli is one of the best batsman in IPL , but his team RCB failed to win a single season . Why RCB didn't win a season till now ?

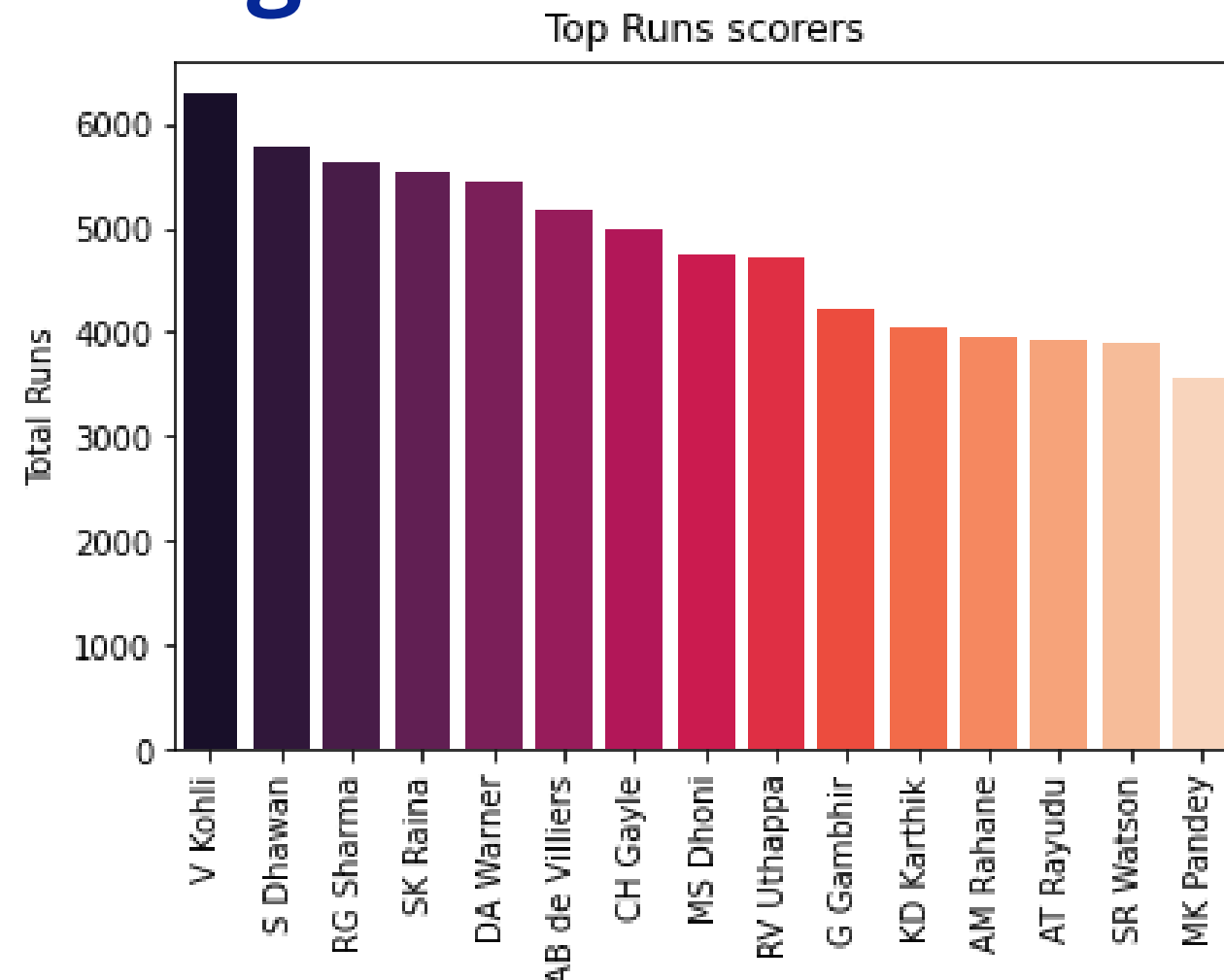
- Incident 2

Chennai Super Kings was the first team to get eliminated from IPL 2020, but lifted the trophy in 2021 with more or less the same squad. What were the things they did differently?

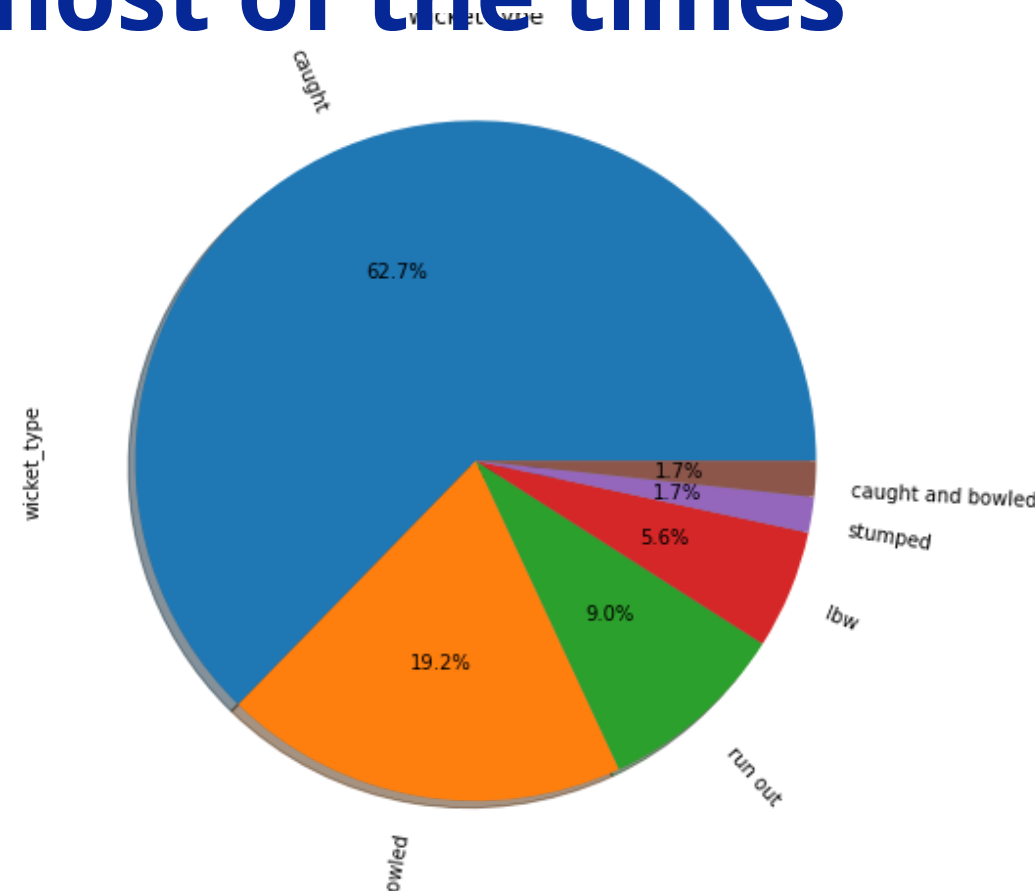
- Incident 3

Complete analysis of all IPL teams in all the season and rivalry of MI vs CSK , who dominates in most of the times.

# Is Kohli the highest run scorer in Ipl



## How kohli gets out most of the times



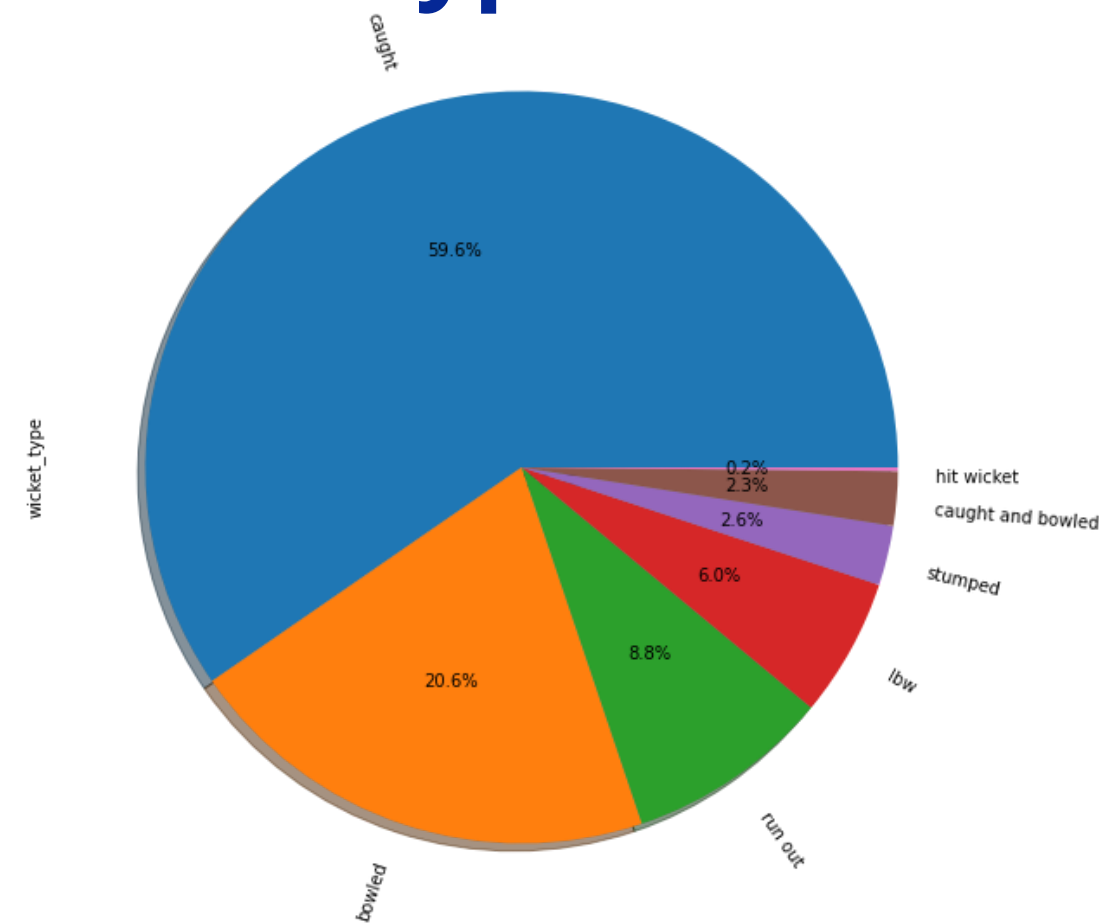
## Incident 1

let's see Kohli's performance for RCB

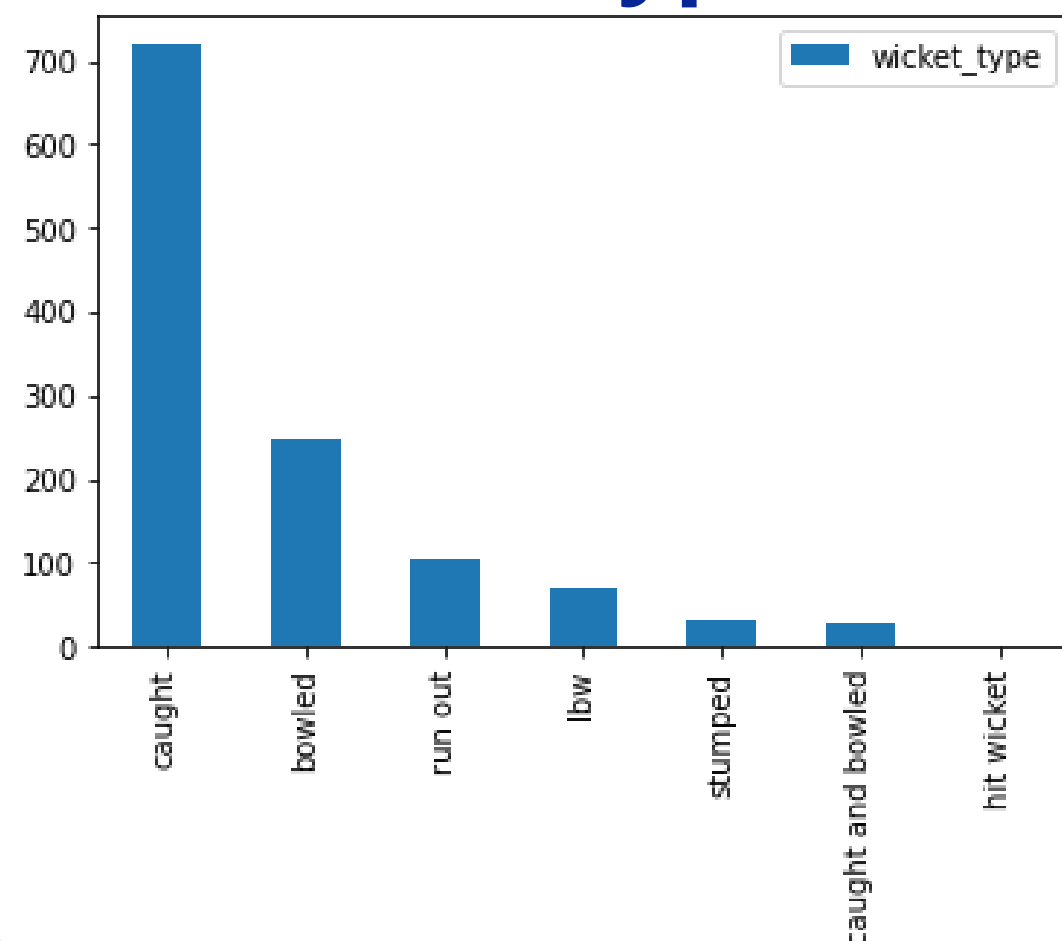
## Do most runs from Kohli's bat are from boundaries

Runs scored from 1's: 2066  
Runs scored from 2's: 720  
Runs scored from 3's: 45  
Runs scored from 4's: 2196  
Runs scored from 6's: 1266

# Most wicket types of RCB while batting



## In numbers ,wicket types

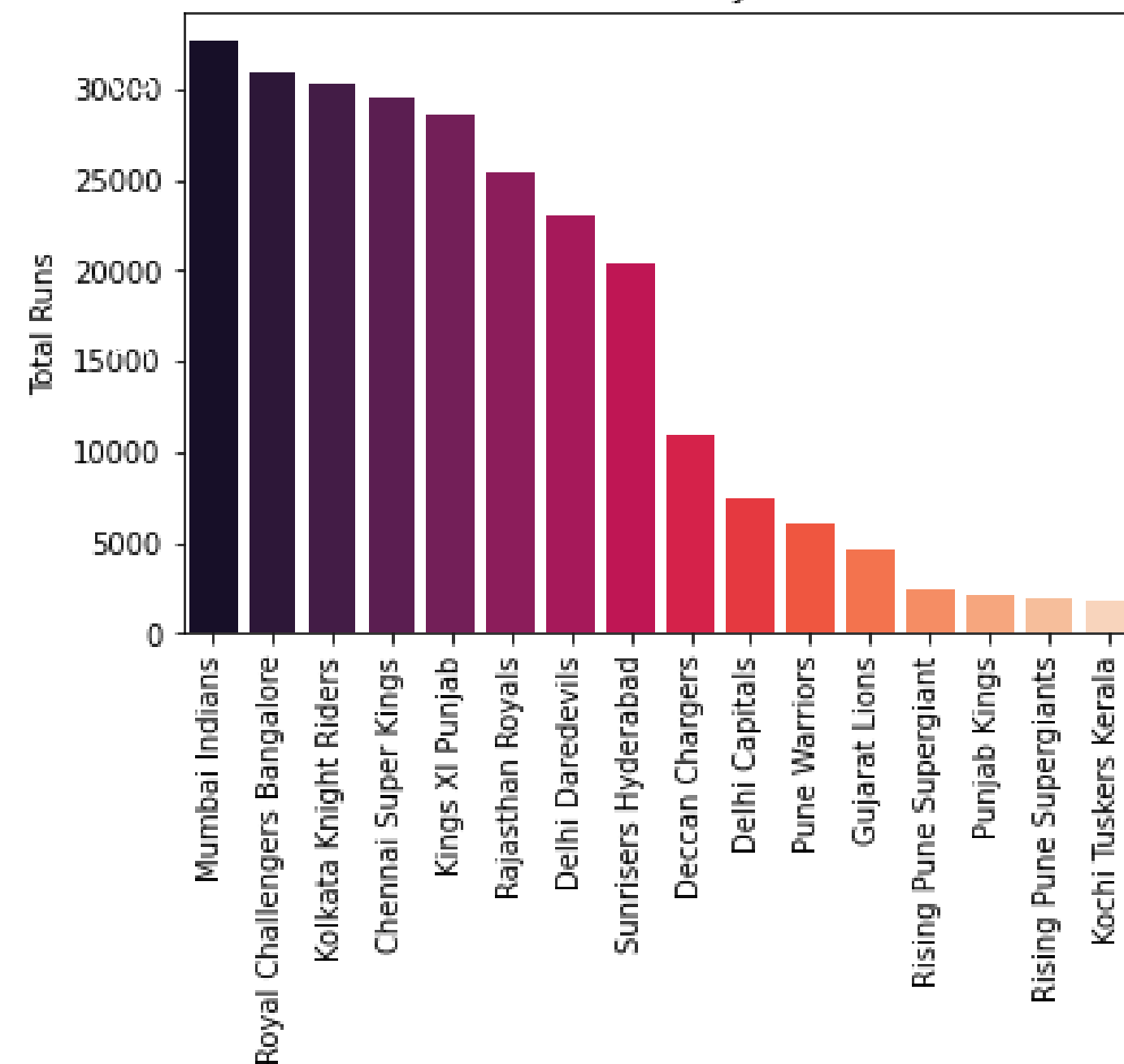


# Incident 1

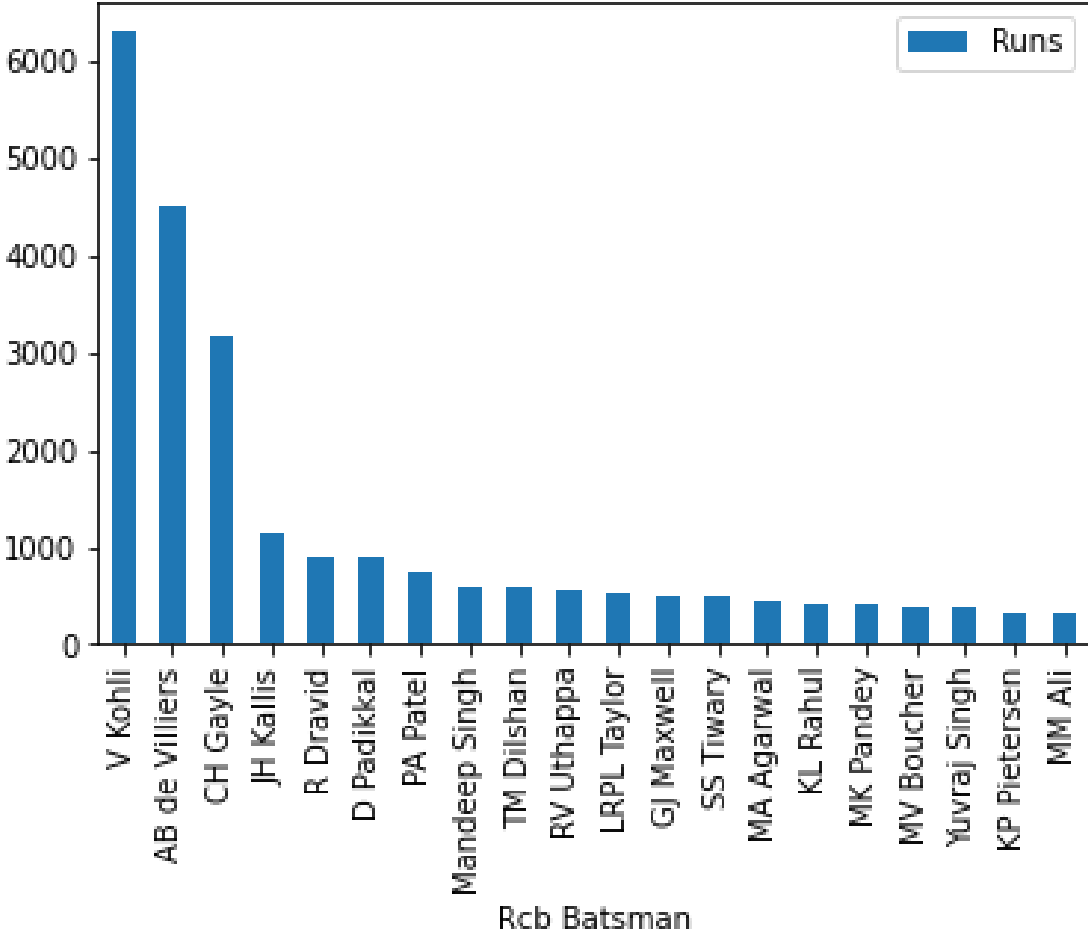
Performance of RCB as a batting team in IPL

## Is RCB better in runs with the other top teams

Total Runs scored by all Teams



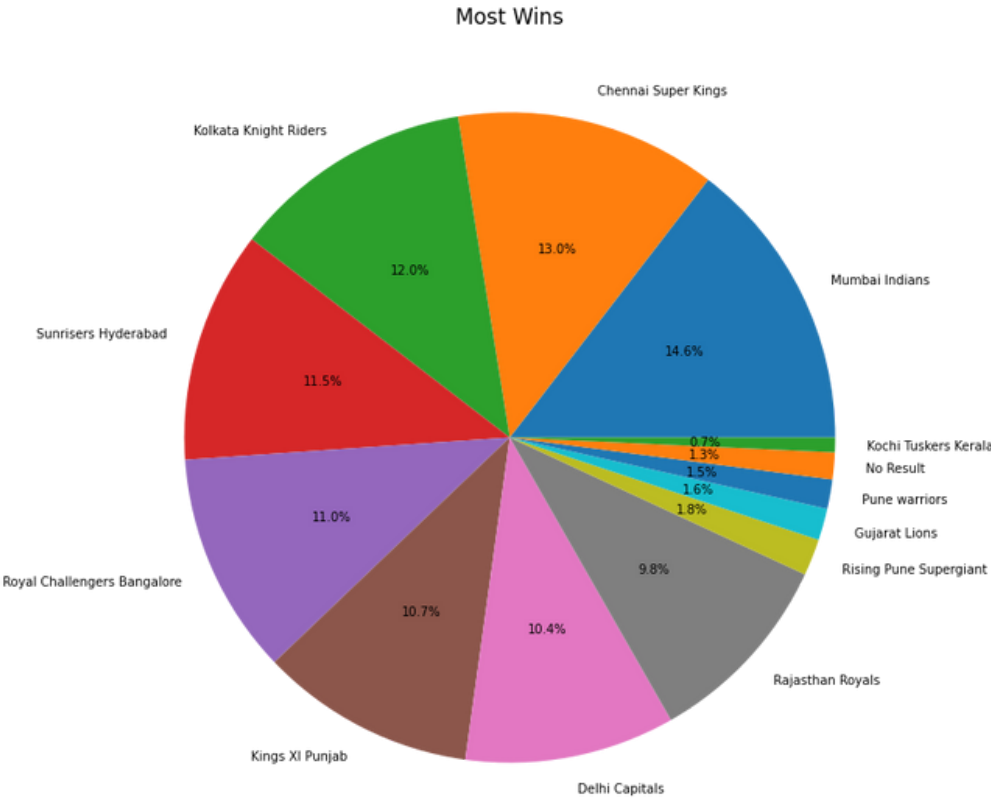
# Some of the best strikers from RCB



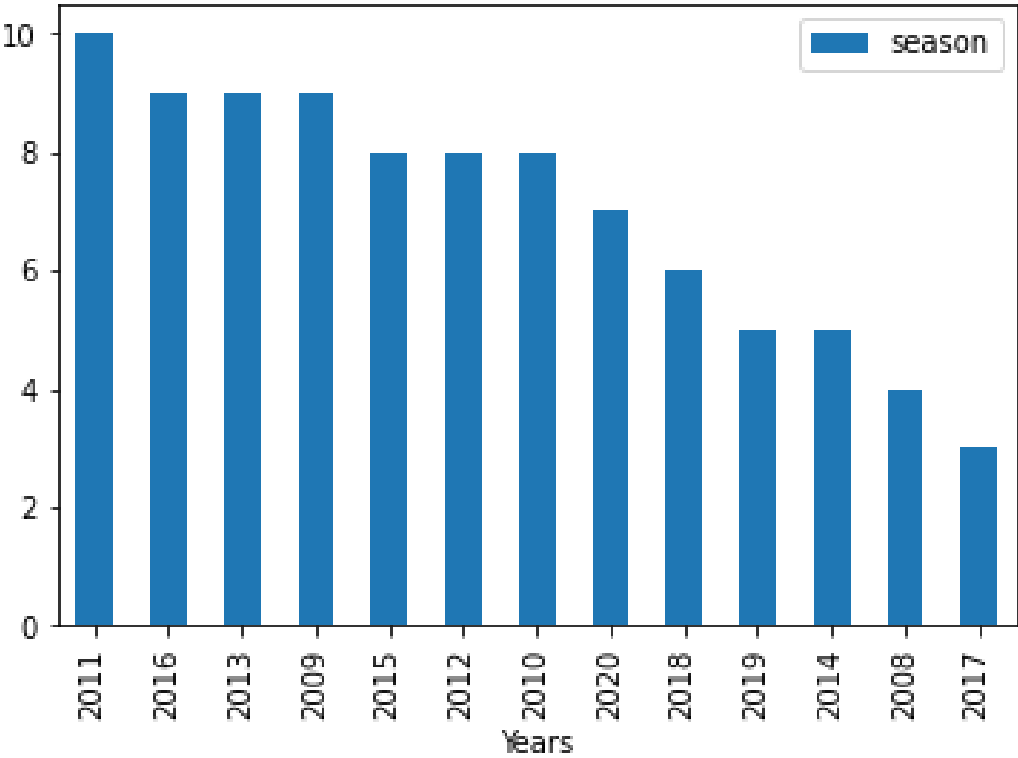
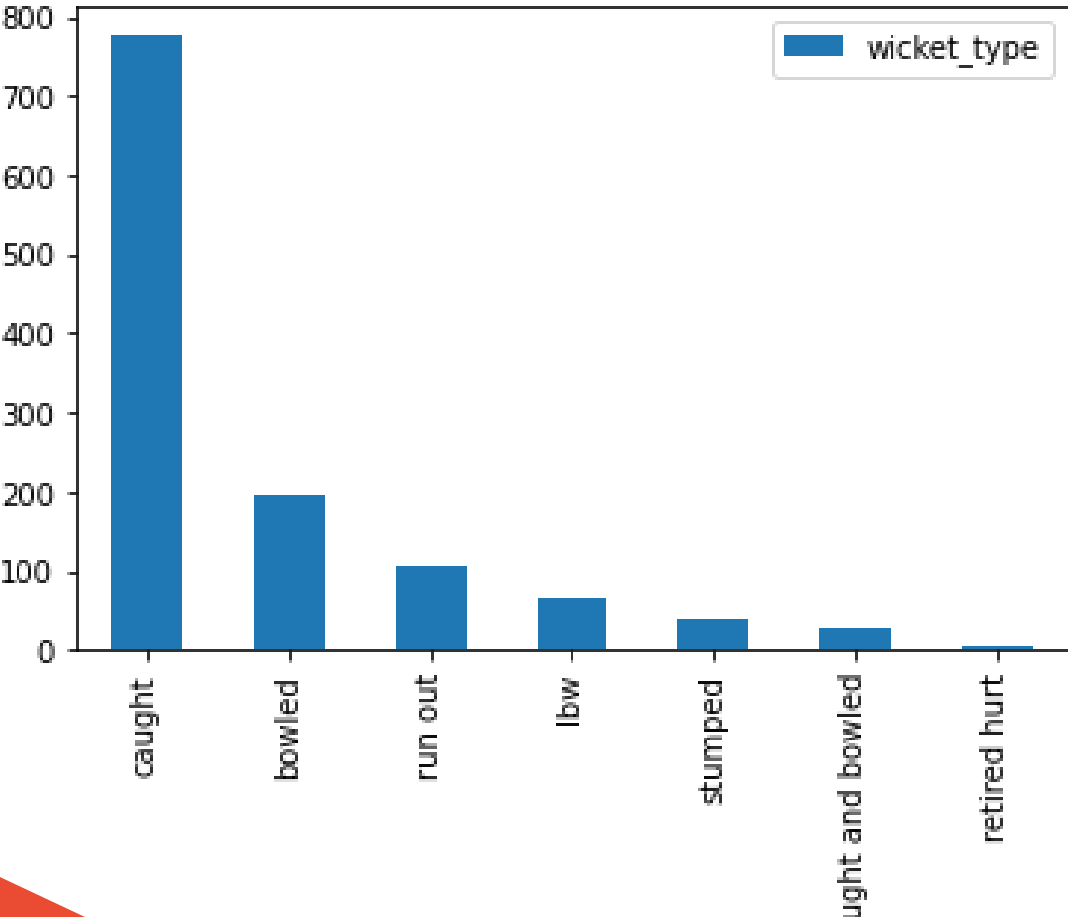
# Incident 1

## Percentage and number of matches won

### RCB

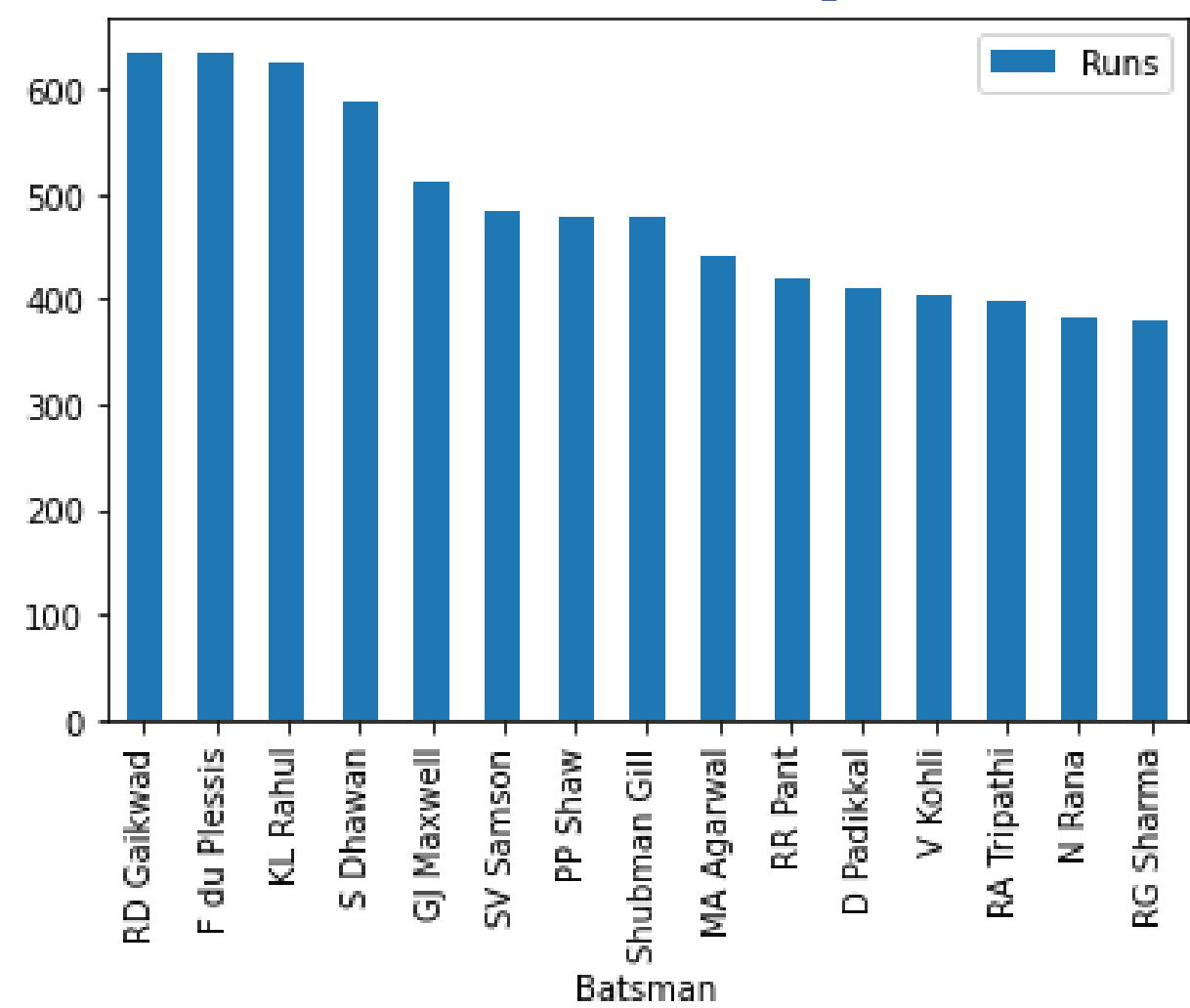


# Wicket types as a bowling team





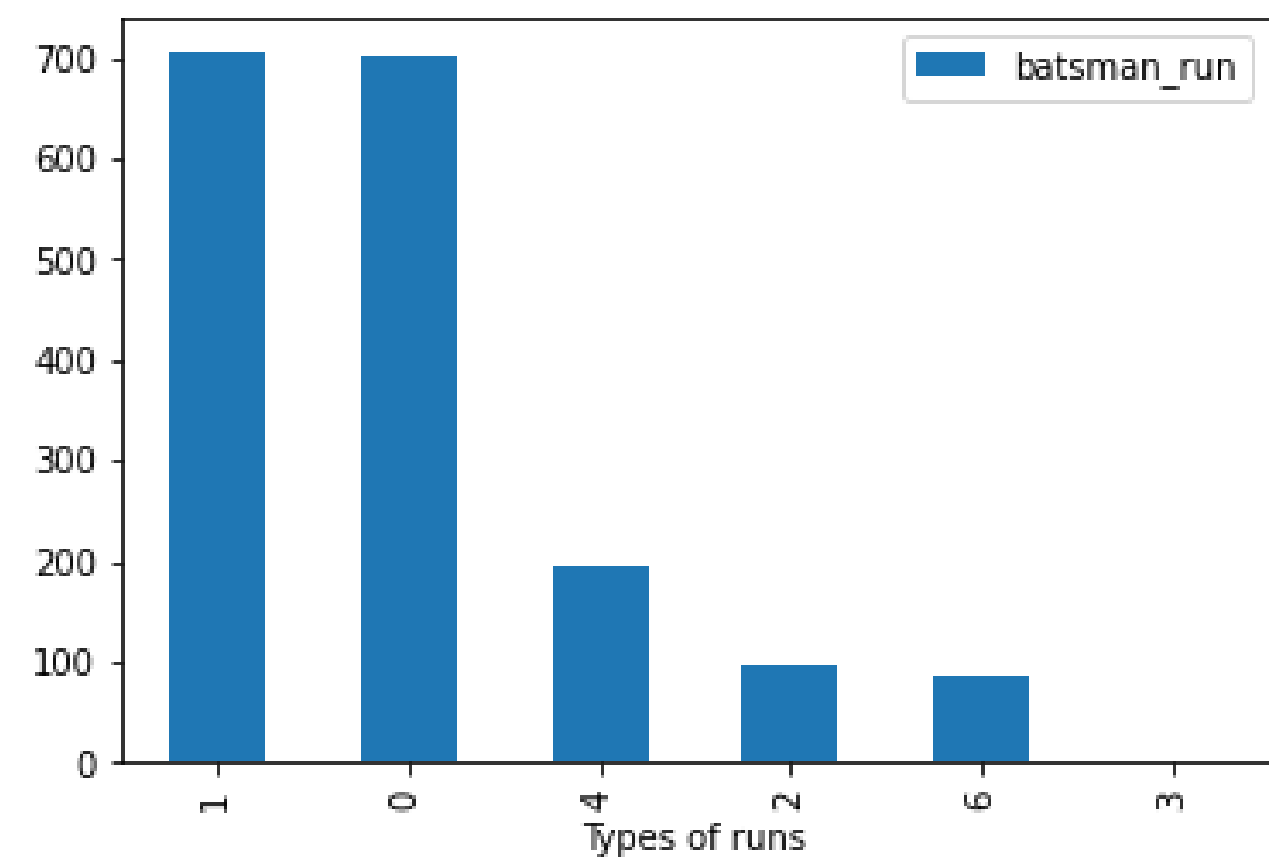
# Batsman with most runs in ipl 2021



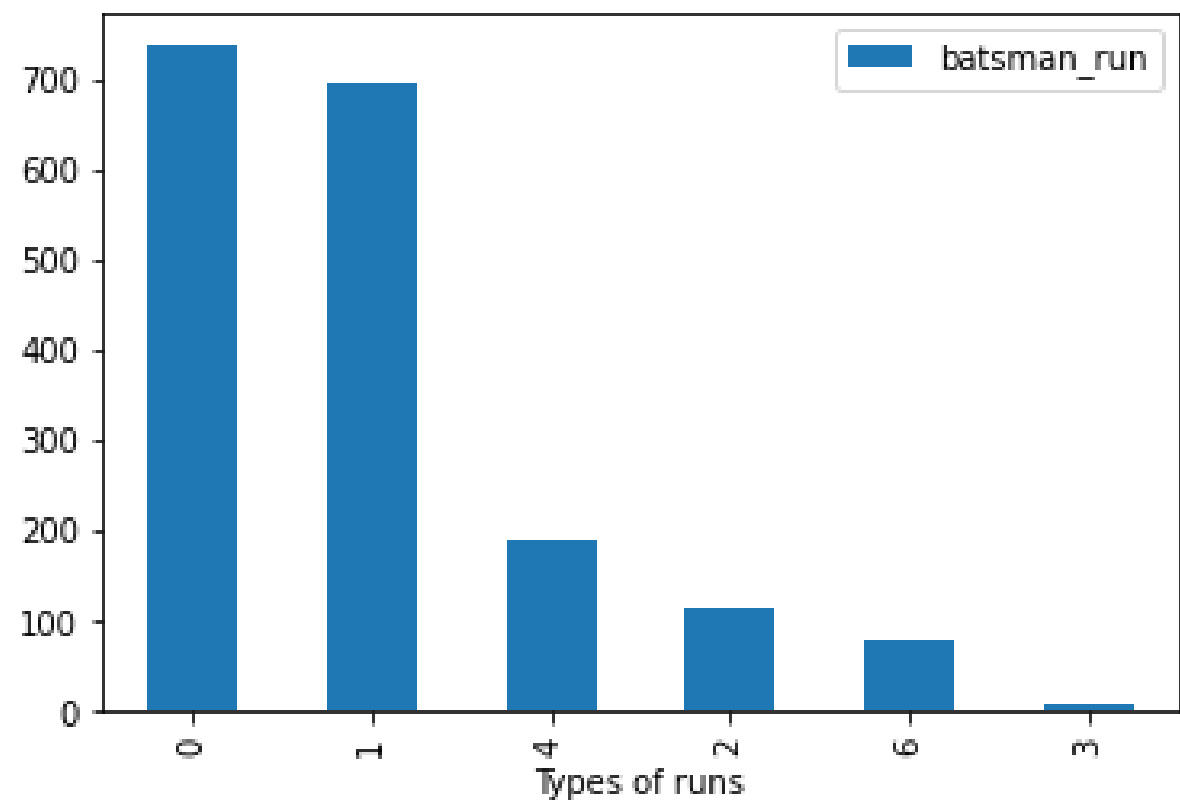
# Incident 1

Performance of RCB in IPL 2021

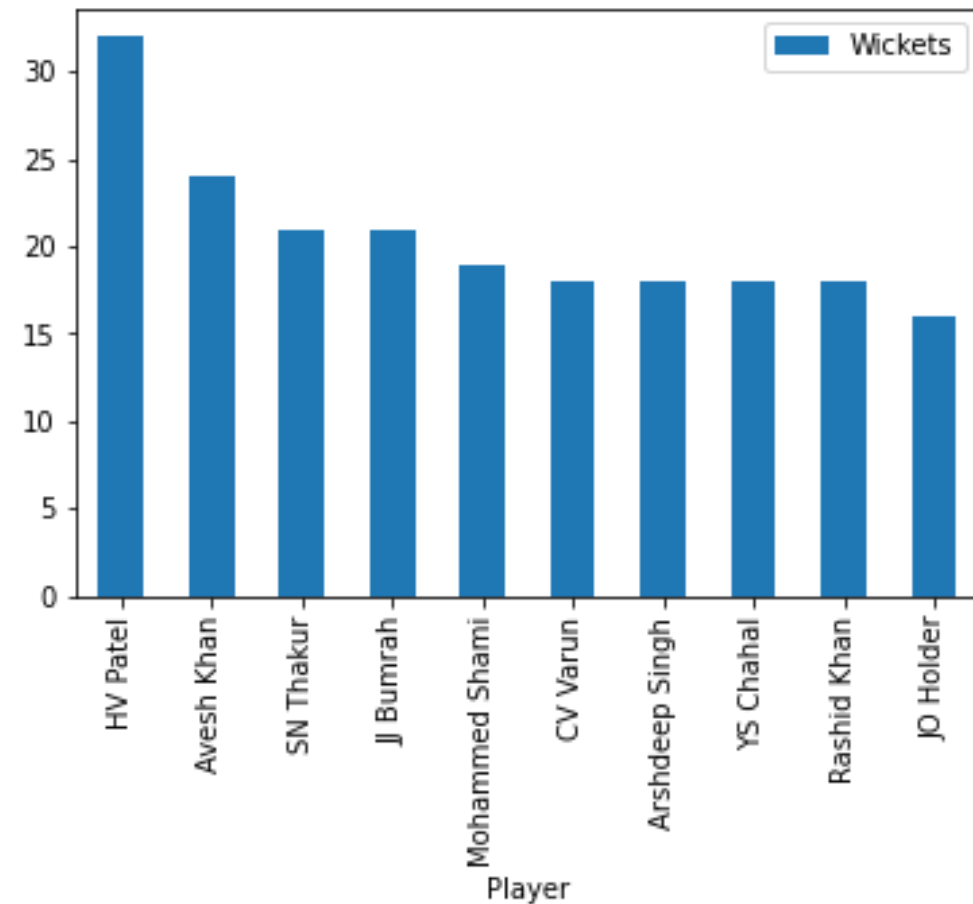
## Types of runs scored against RCB bowling



## Types of runs scored by RCB batsman



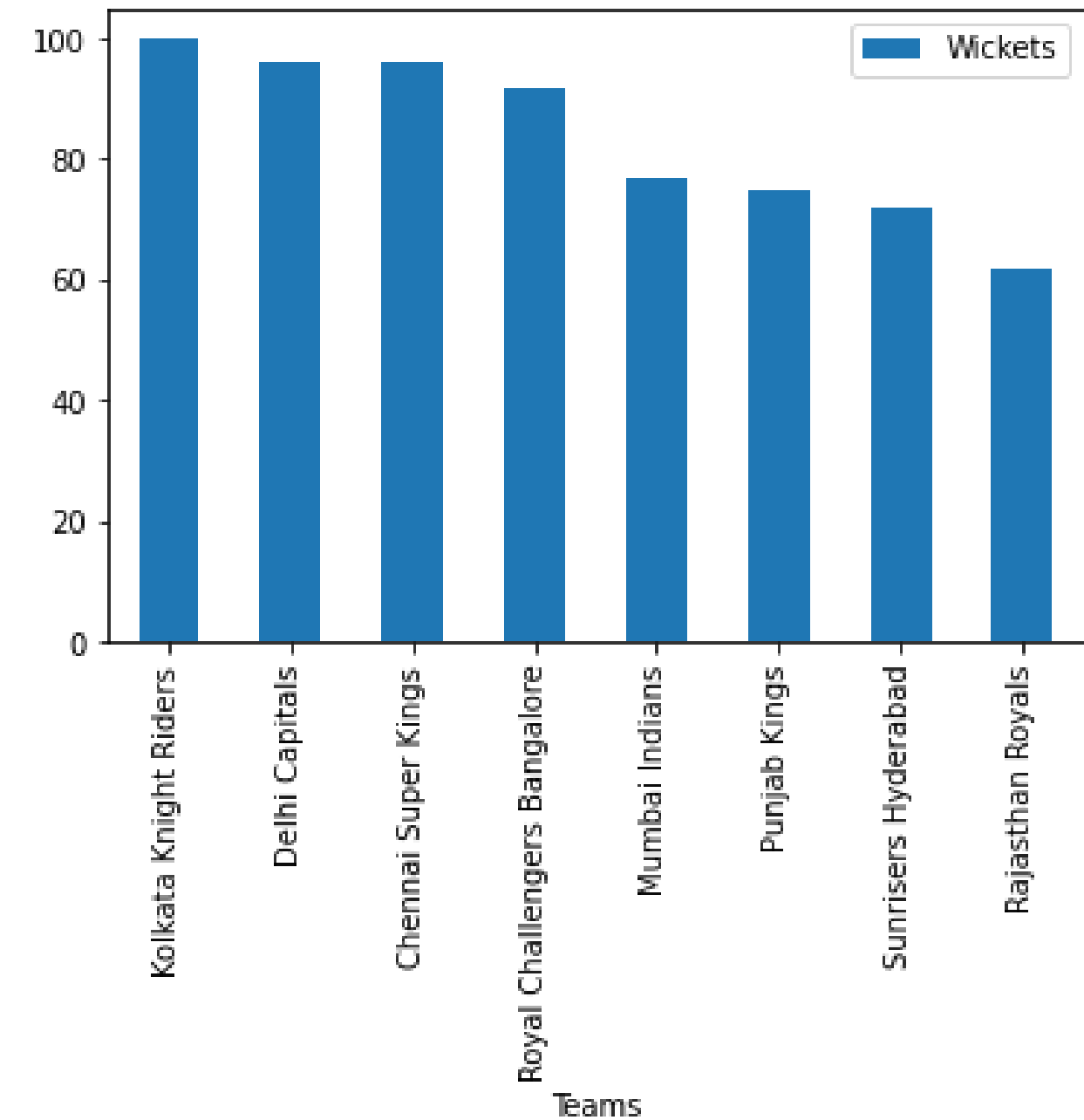
# Bowler with most wickets in ipl 2021



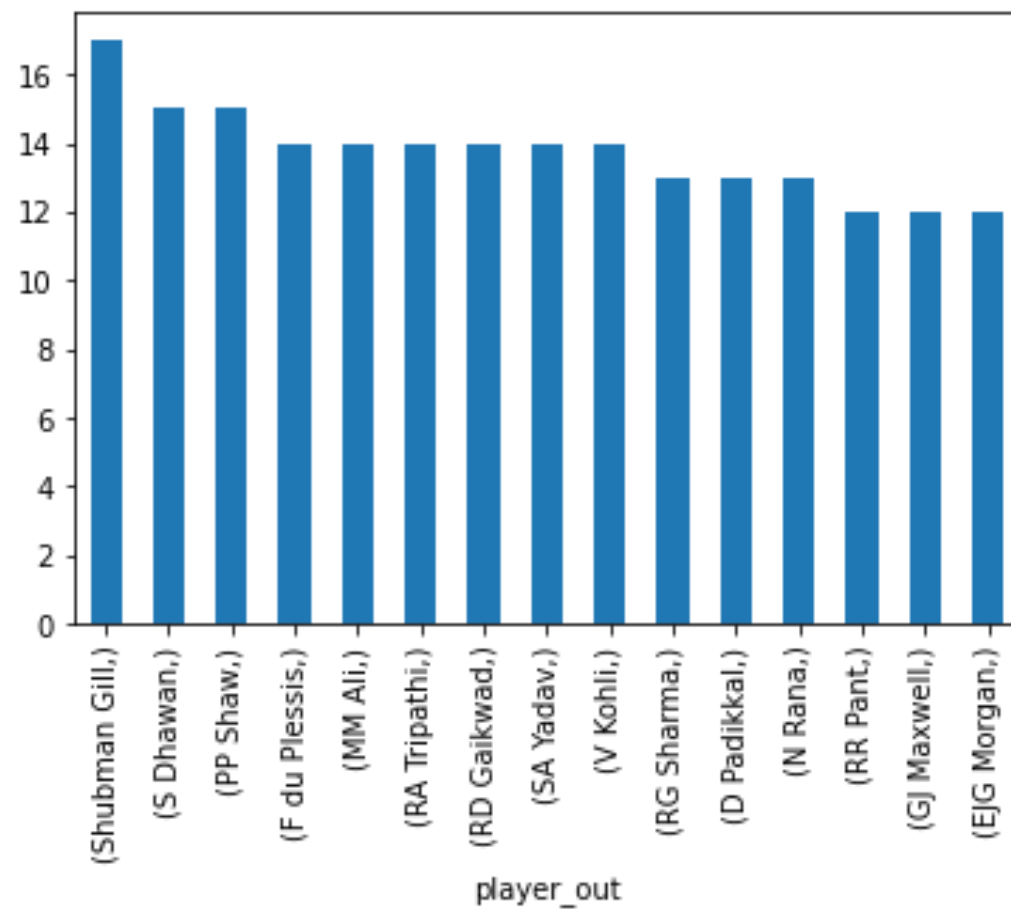
# Incident 1

Performance of RCB in IPL 2021

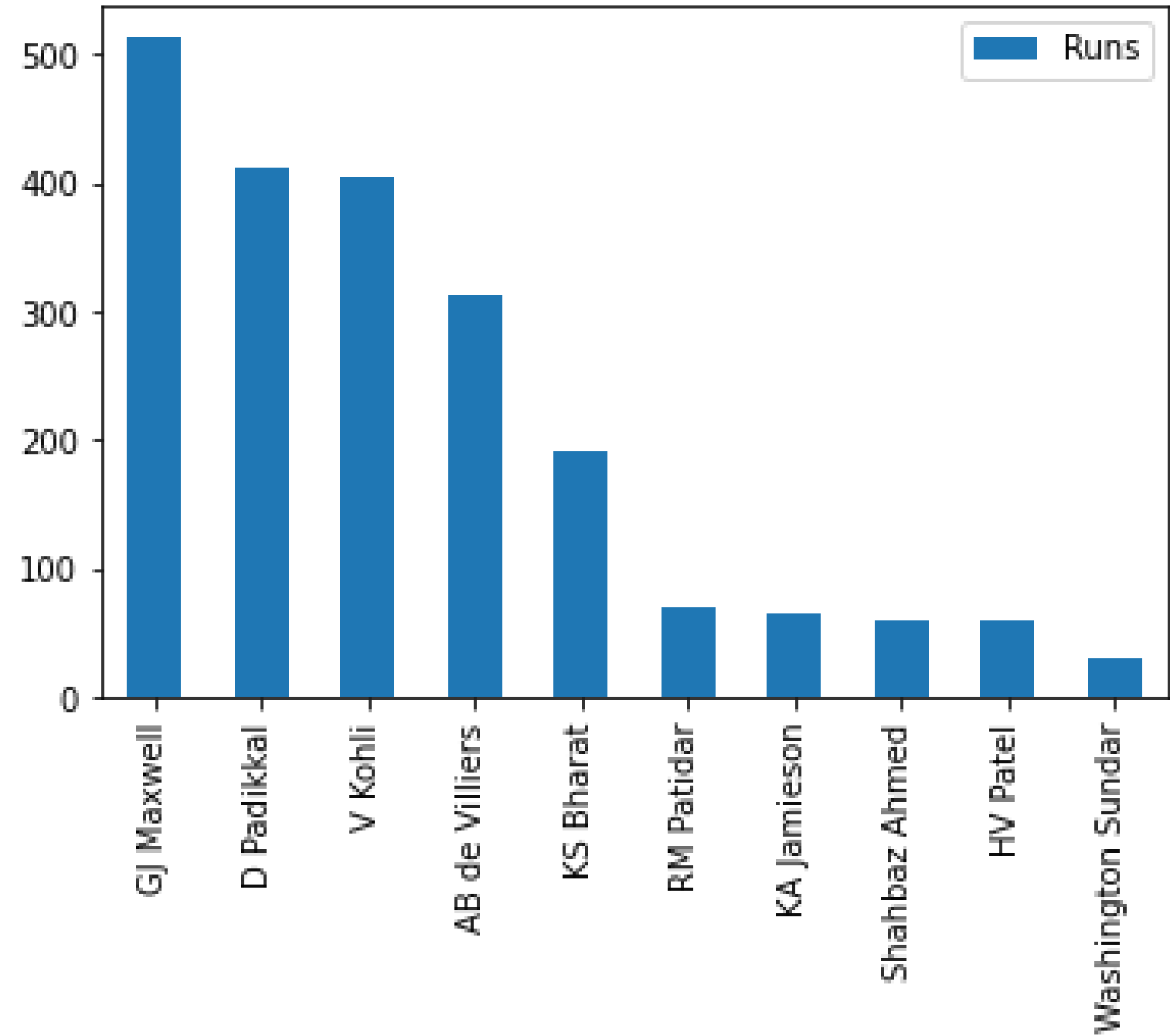
## Total wickets by each team in ipl 2021



## Player who got out most of the times



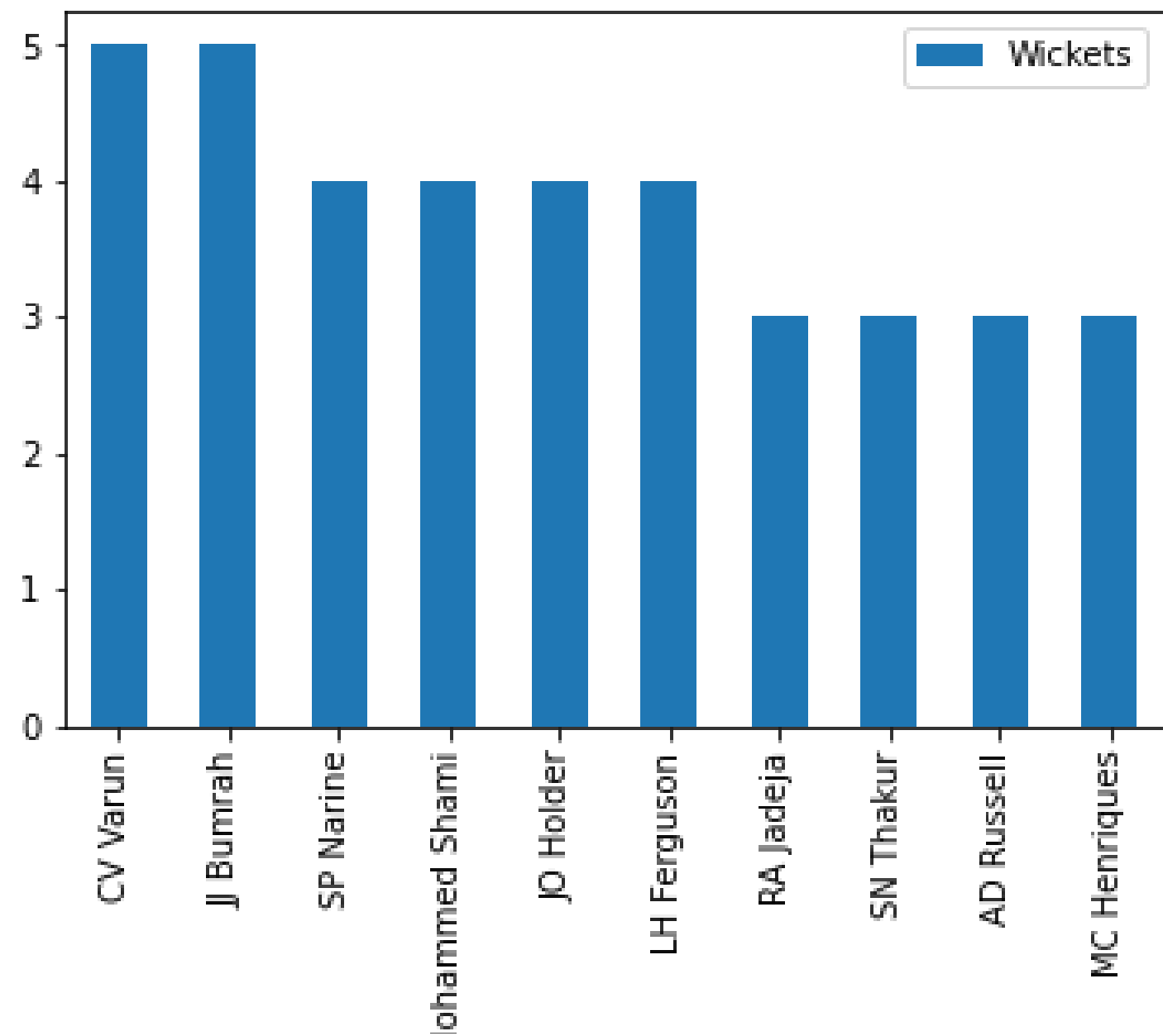
# Batsman with most runs for RCB



# Incident 1

Performance of RCB in IPL 2021

# Best wicket taking bowler against RCB

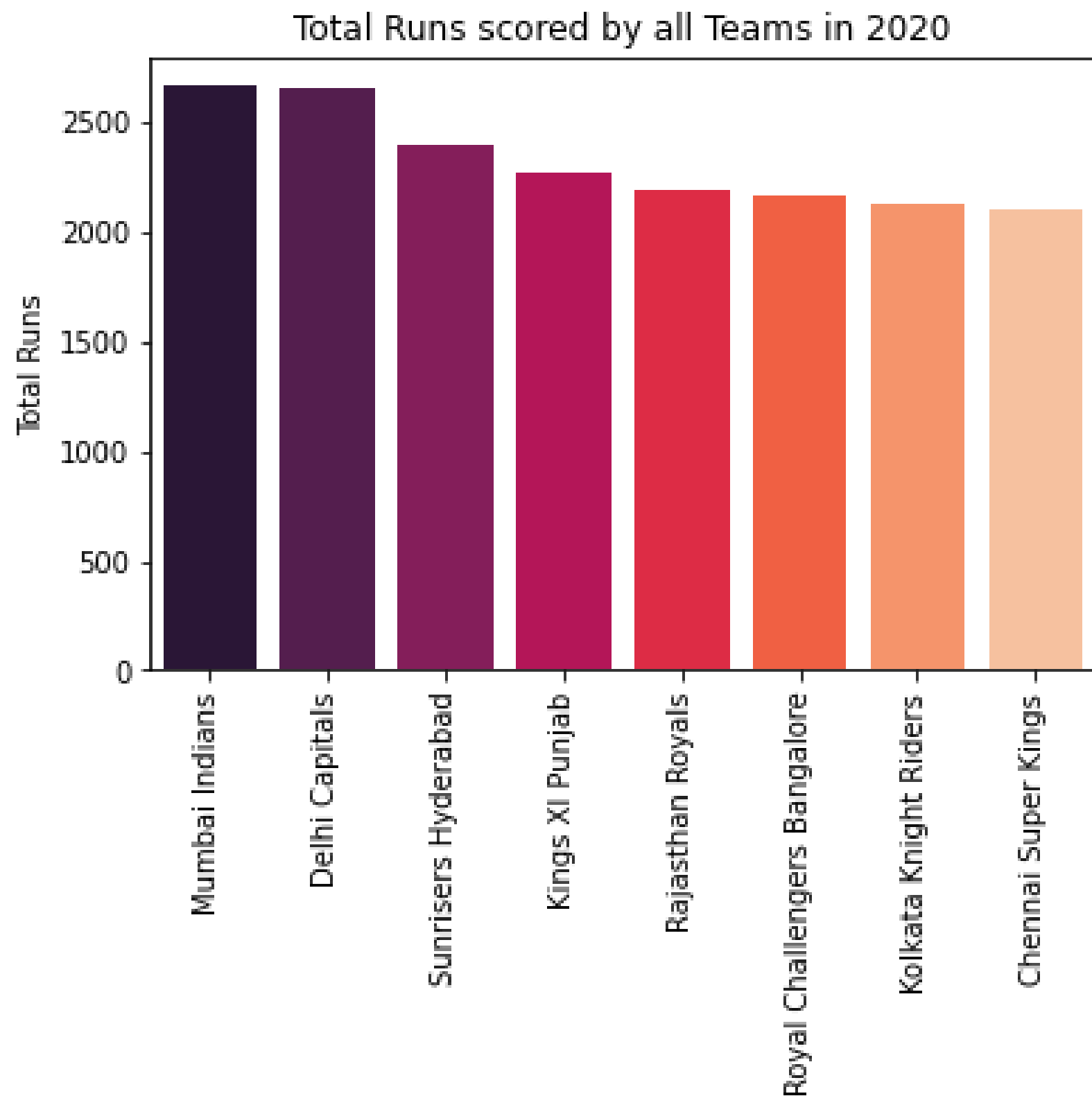




# Results from the Analysis for incident 1

- Virat Kohli is the highest run scorer in IPL.
- Kohli get's caught out most of the times , surprisingly he gets run out more than Lbw and stumped.
- RCB has the 2nd highest runs in IPL history.
- RCB has less win percentage than most of the other top teams . 2011 was the best season for RCB.
- D Padikkal is among the top 10 highest run scorers for RCB in just two season.
- G Maxwell , D Padikkal,V Kohli are among the top 15 run scores in ipl 2021. H Patel has the highest top wickets but as a team RCB has lower wickets than the top teams.

# Runs scored by all the teams

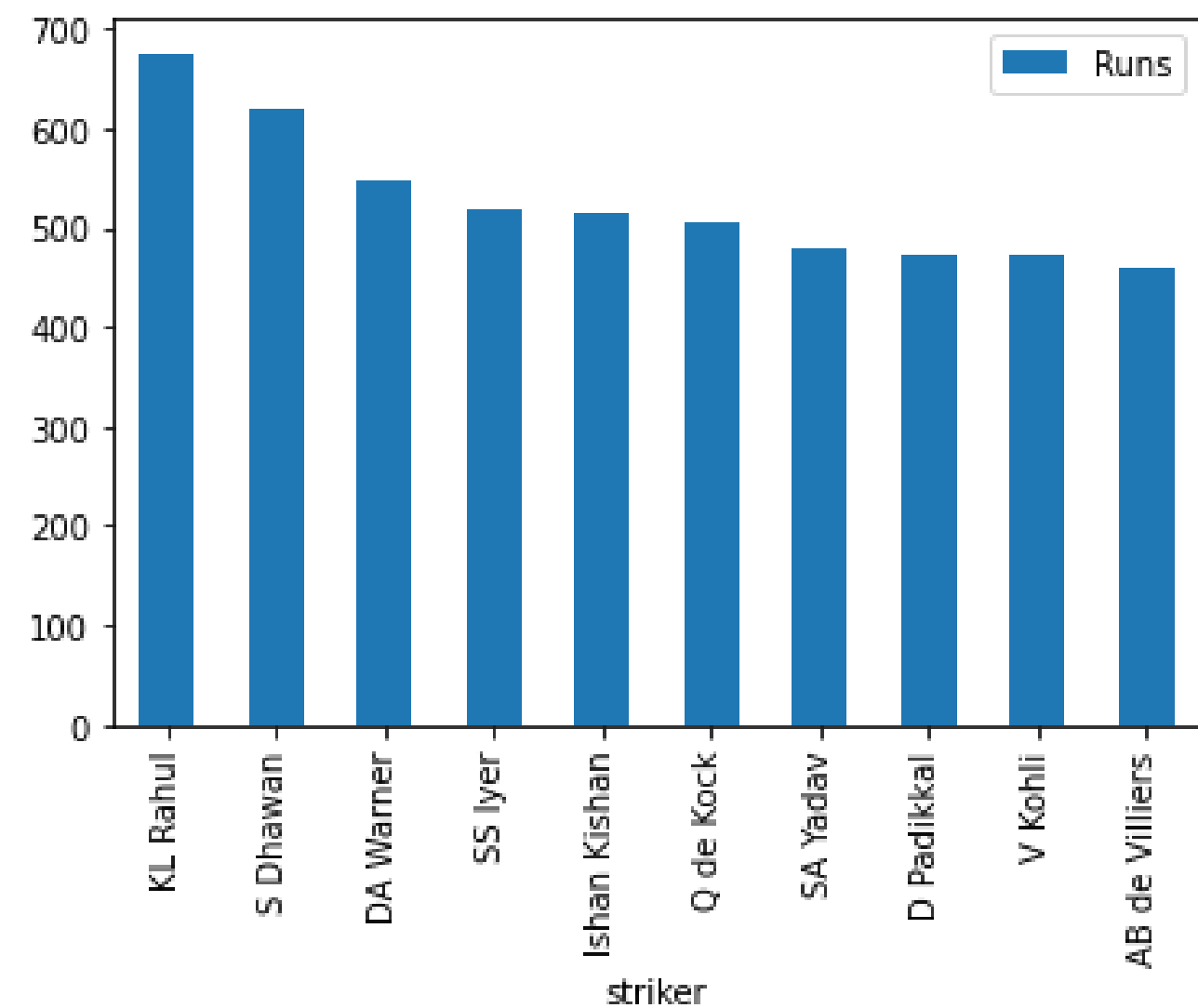


## Incident 2

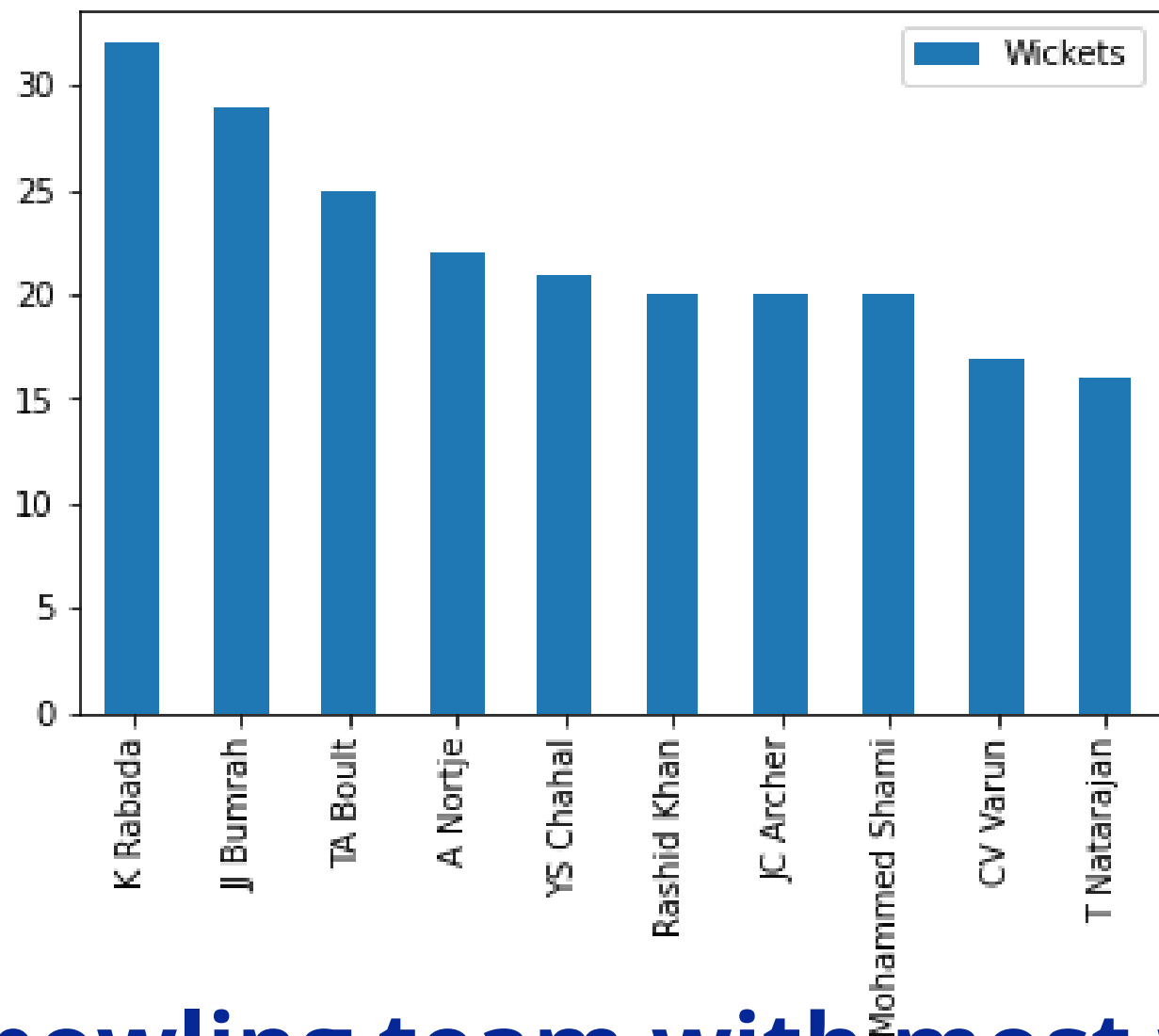
CSK in 2020 vs 2021

let's see the overall 2020 performance of all teams

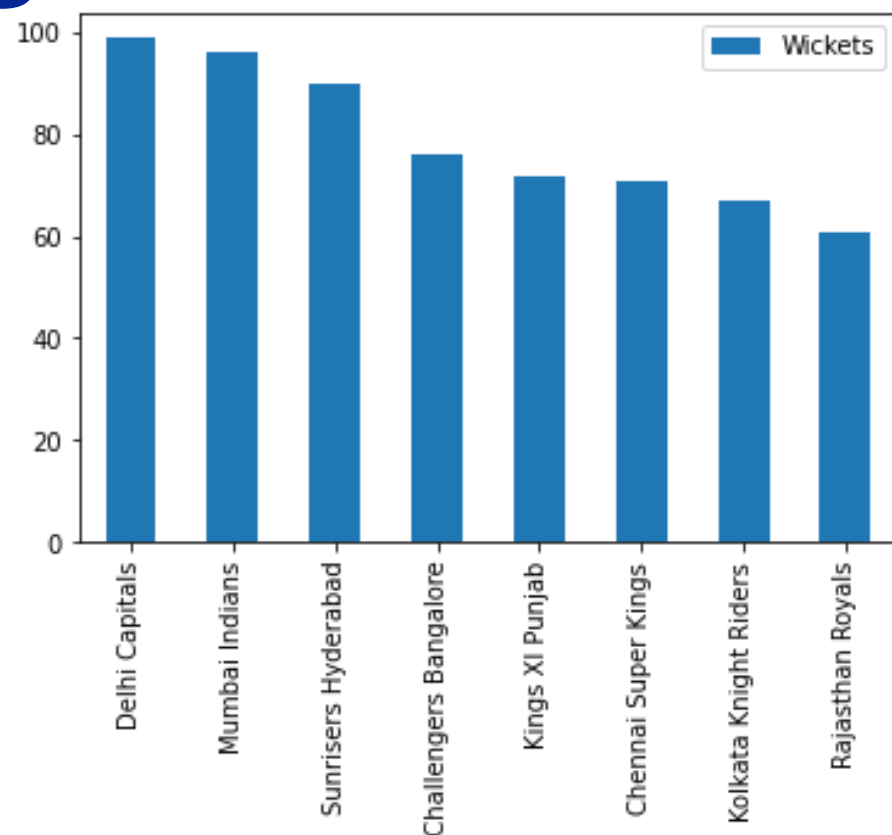
## Top strikers of 2020



## Best bowlers with most wickets



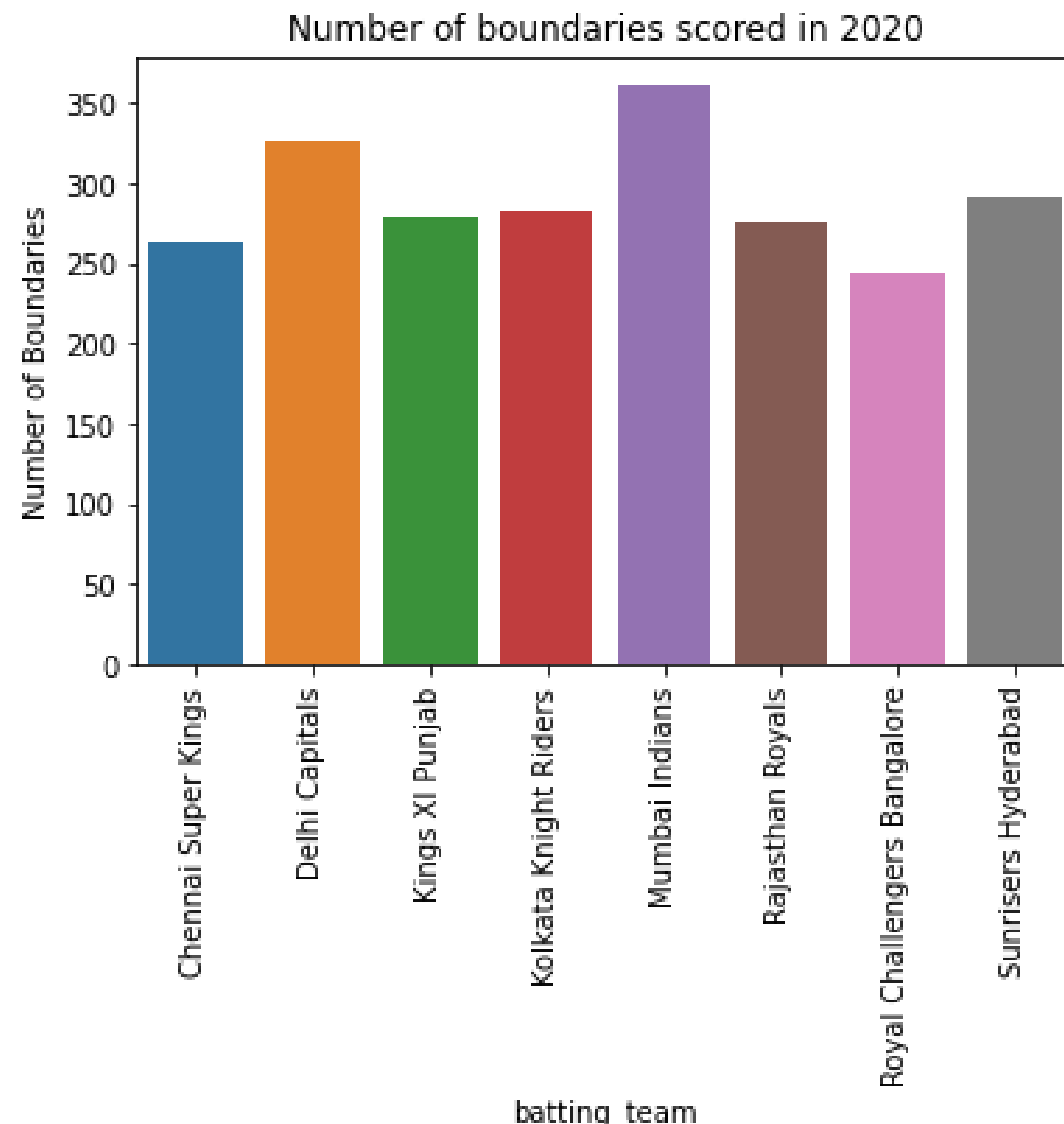
## Best bowling team with most wickets



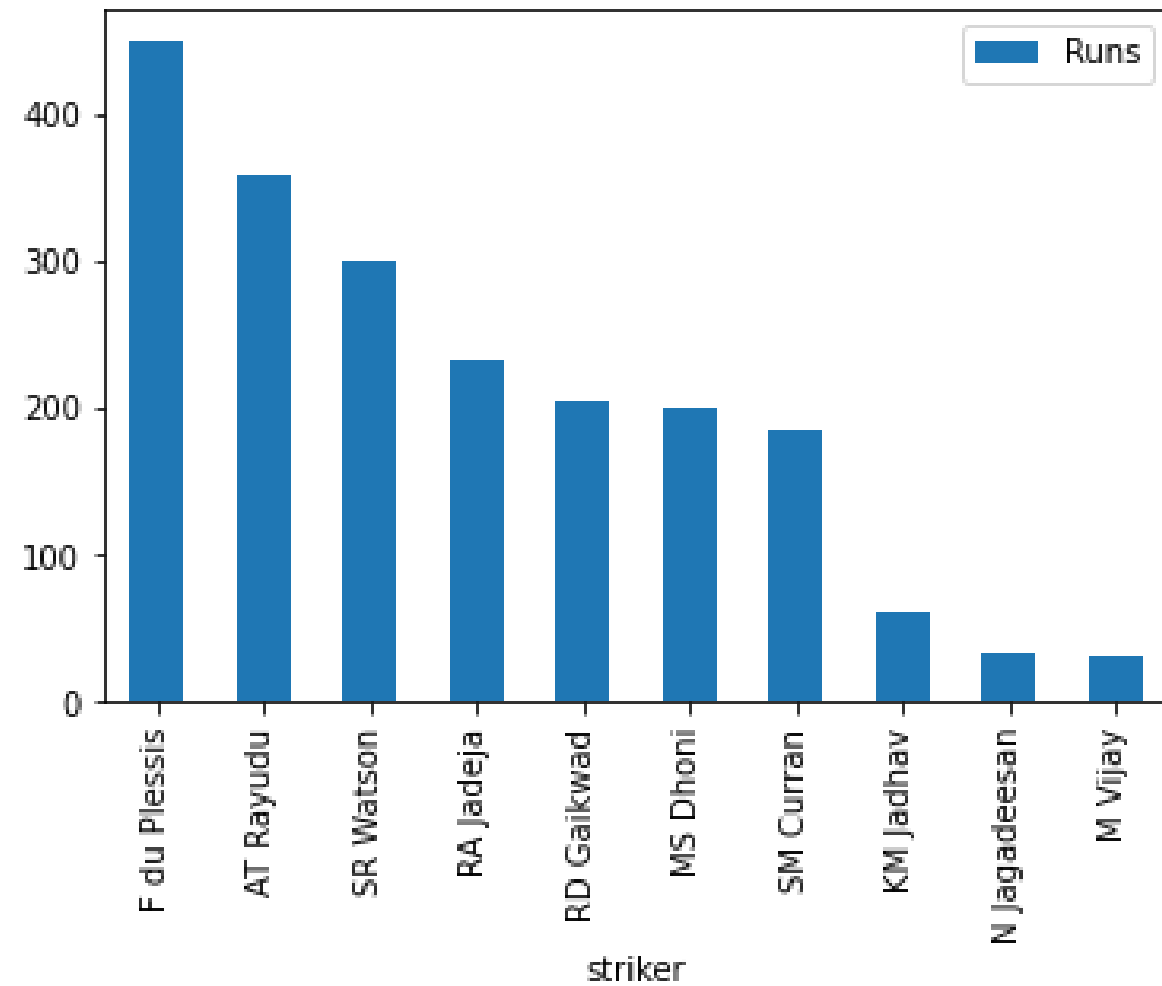
## Incident 2

Overall 2020 performance of all teams

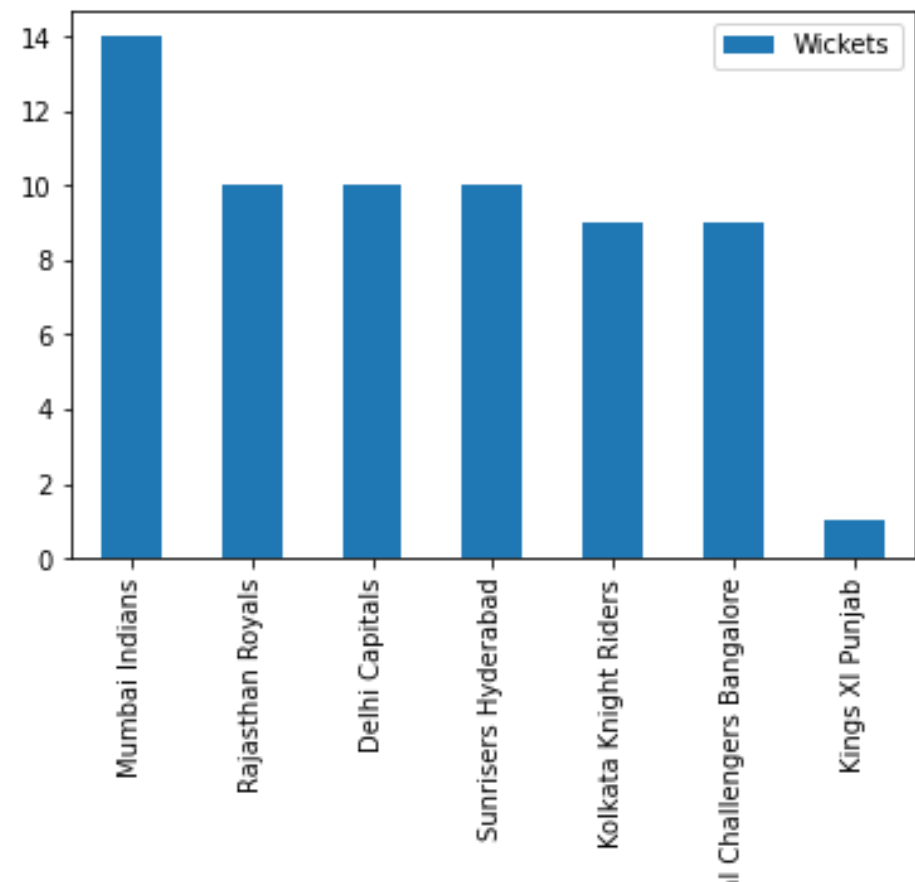
## Teams with most boundaries in 2020



# Top 10 run scorers of CSK in 2020



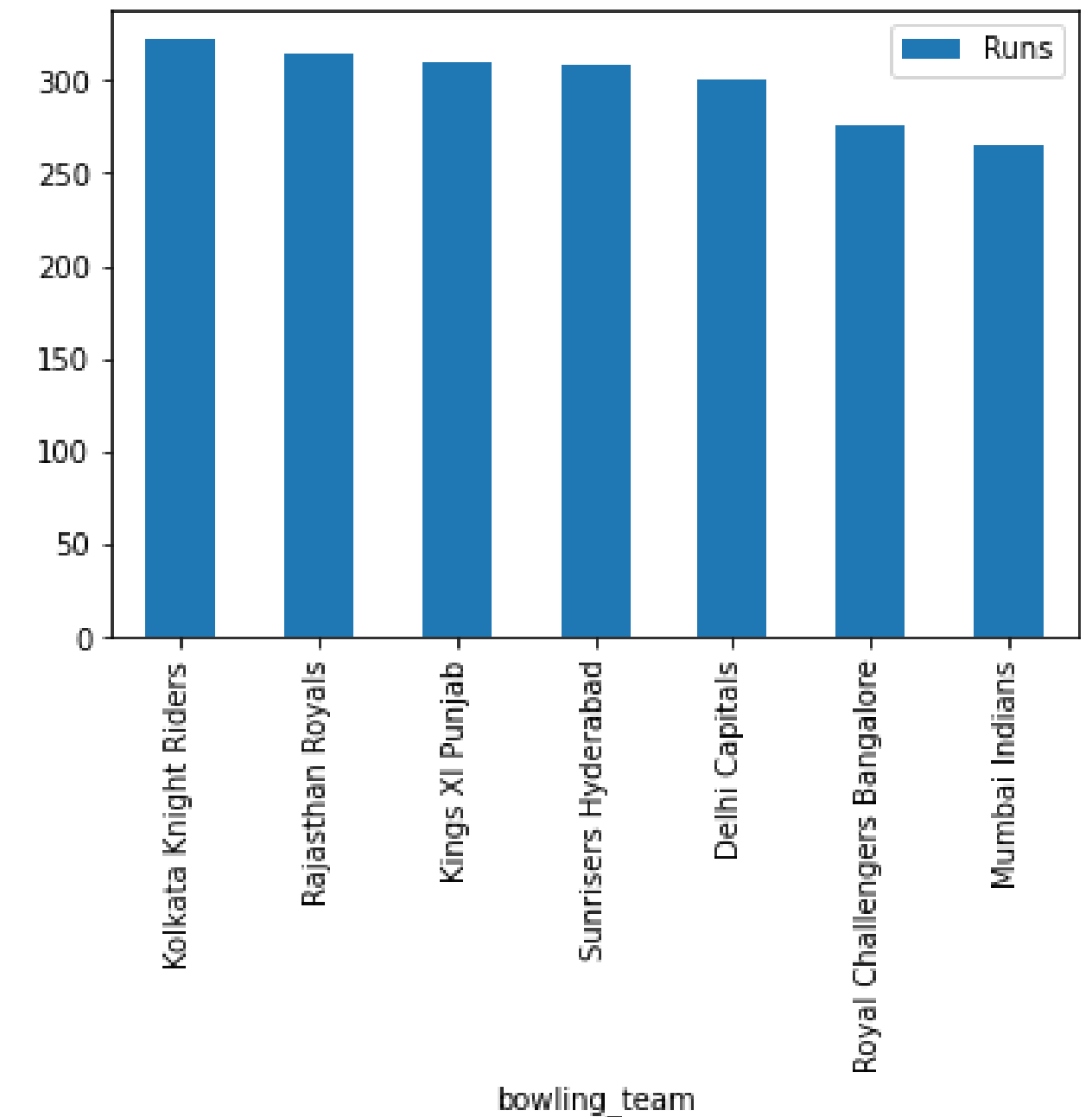
# Top wicket taking bowling unit against CSK



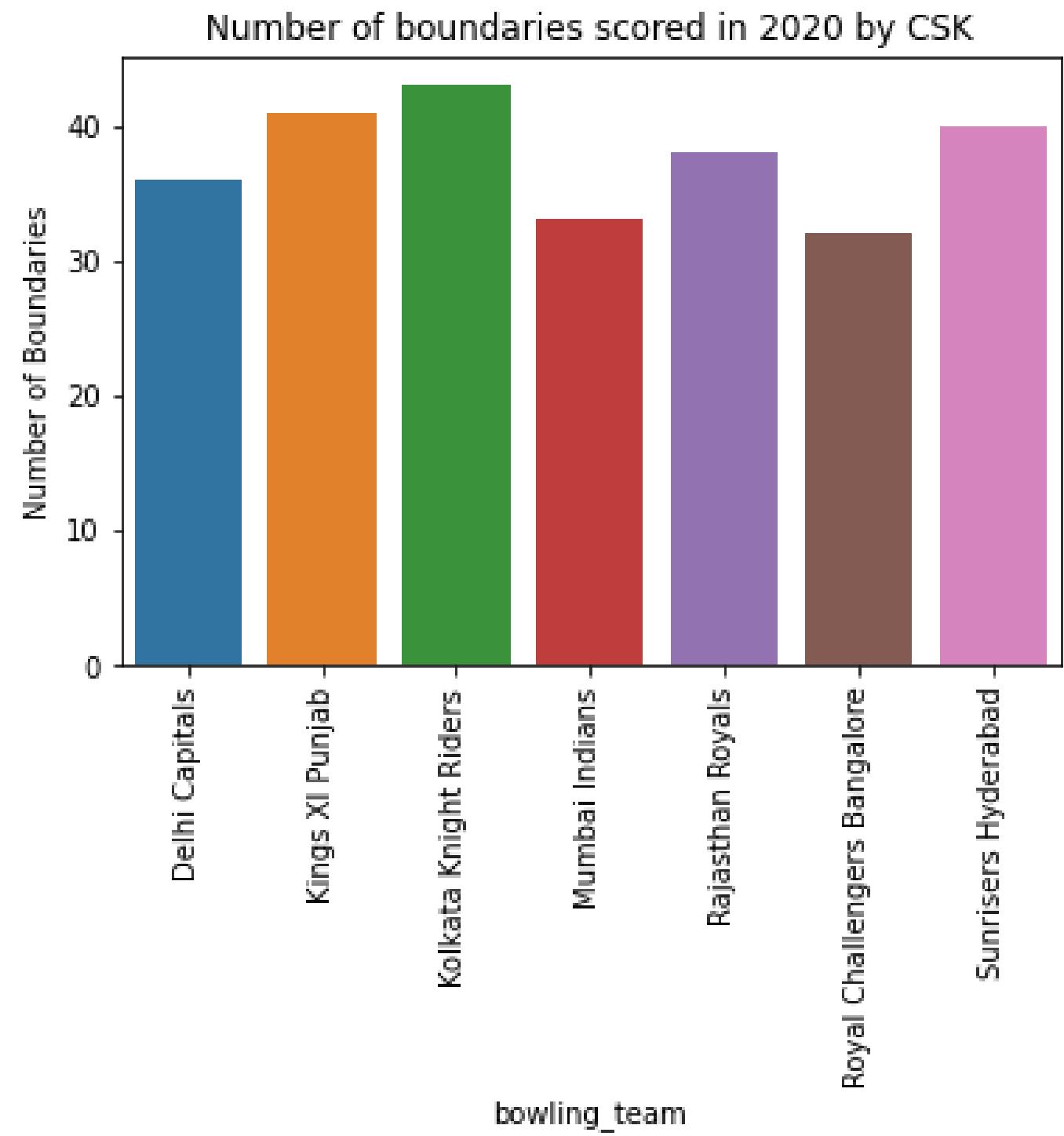
# Incident 2

Performance of CSK as batting team in 2020

## Most runs by CSK against the teams-



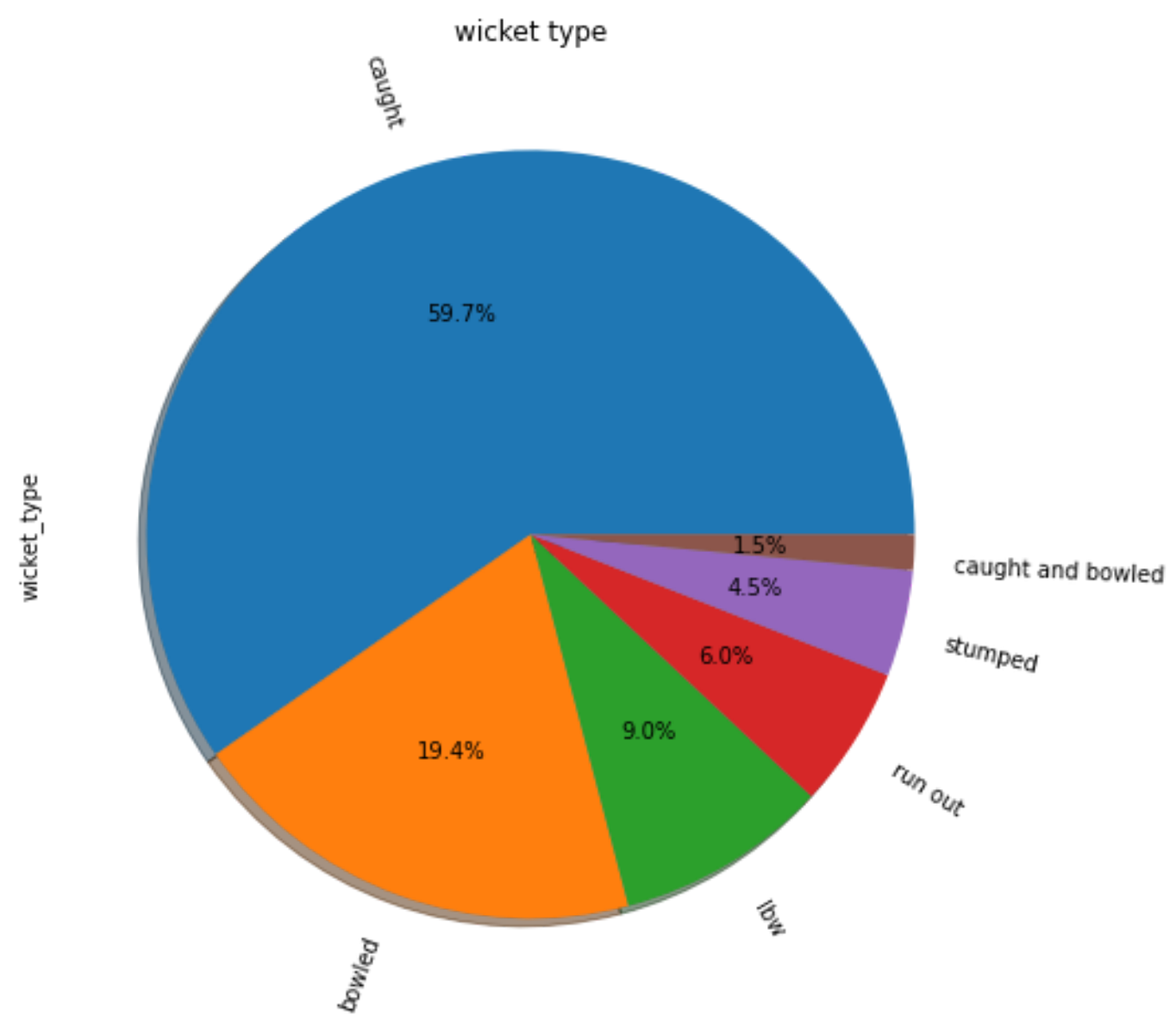
# Most boundaries by CSK against the teams-



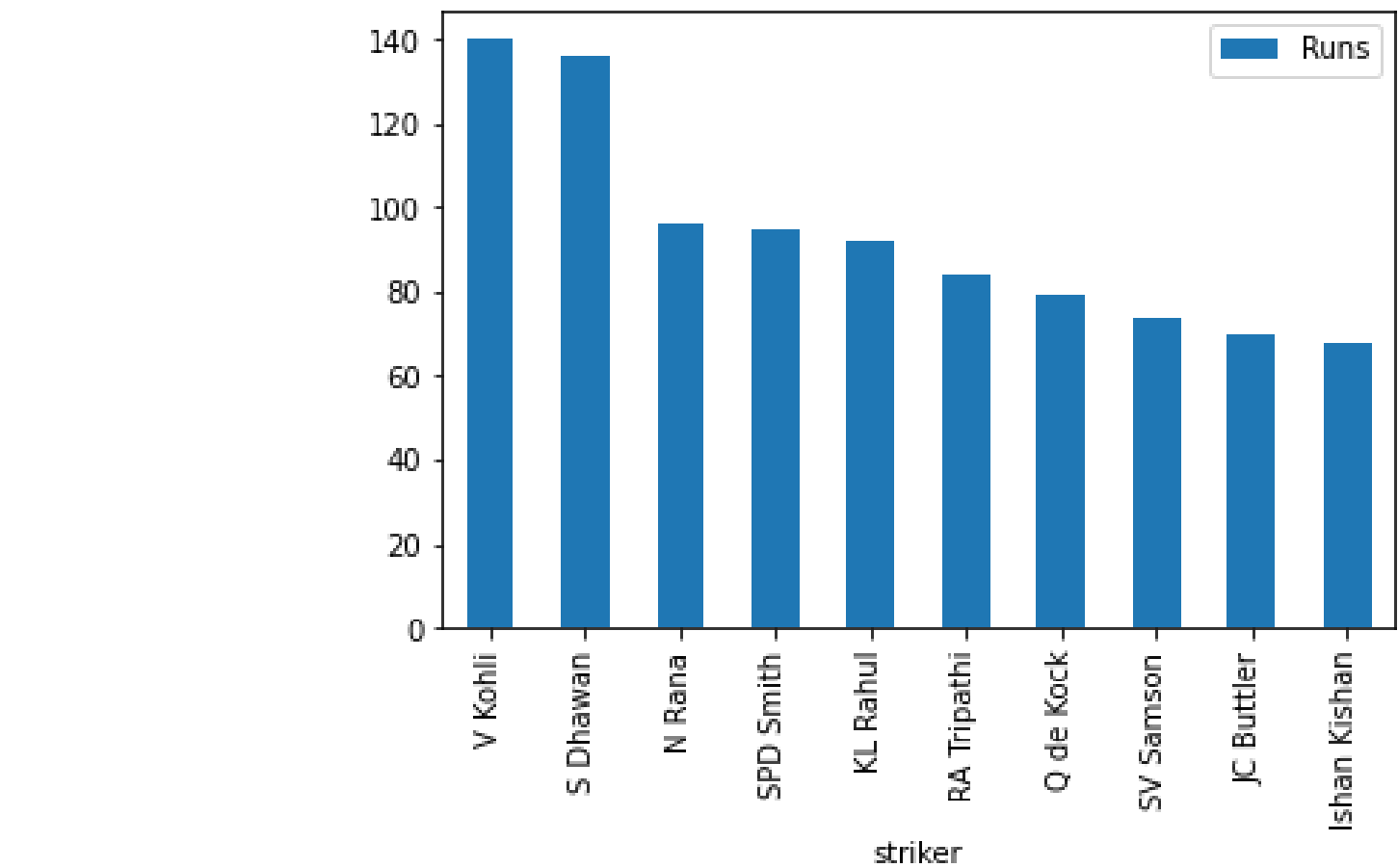
# Incident 2

Performance of CSK as batting team in 2020

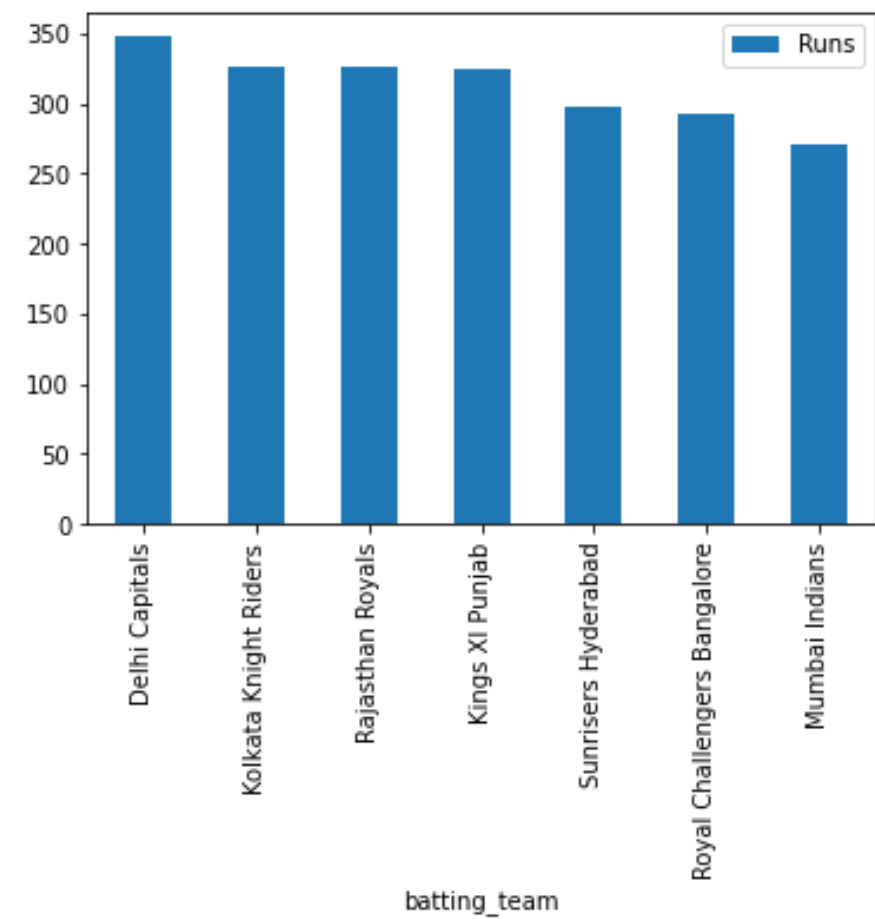
## CSK batsman got out by the wicket types



# Top 10 run scorers against CSK in 2020



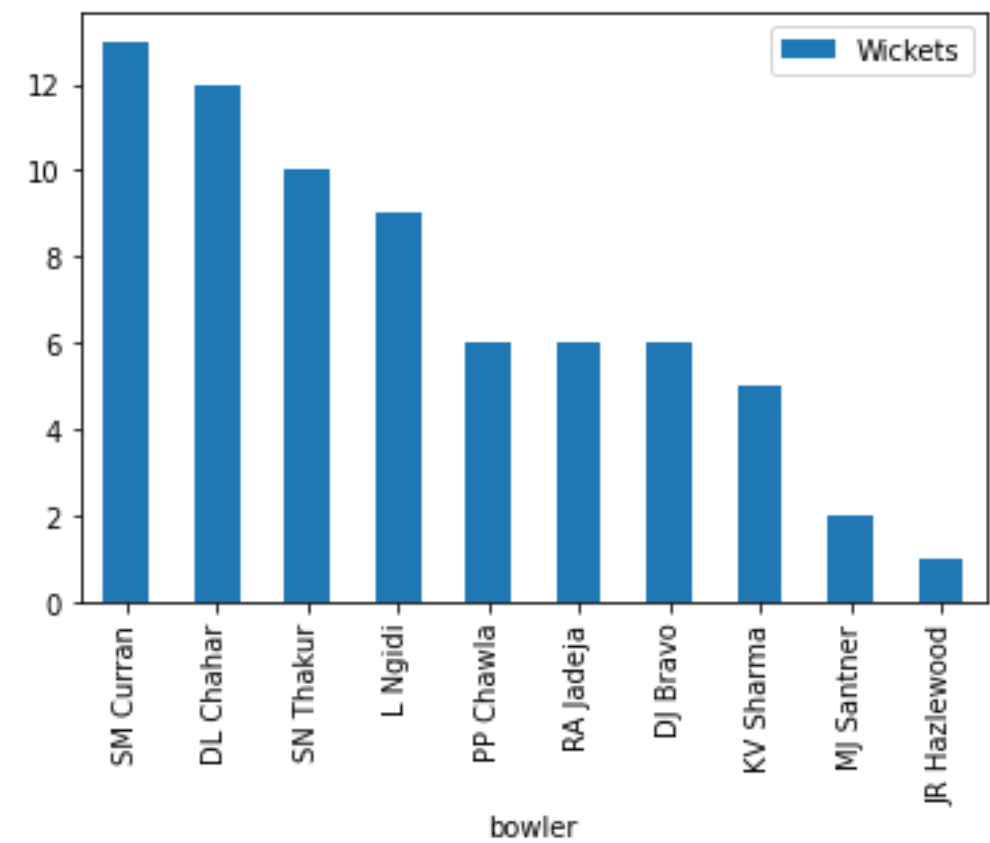
# Top runs by teams against CSK



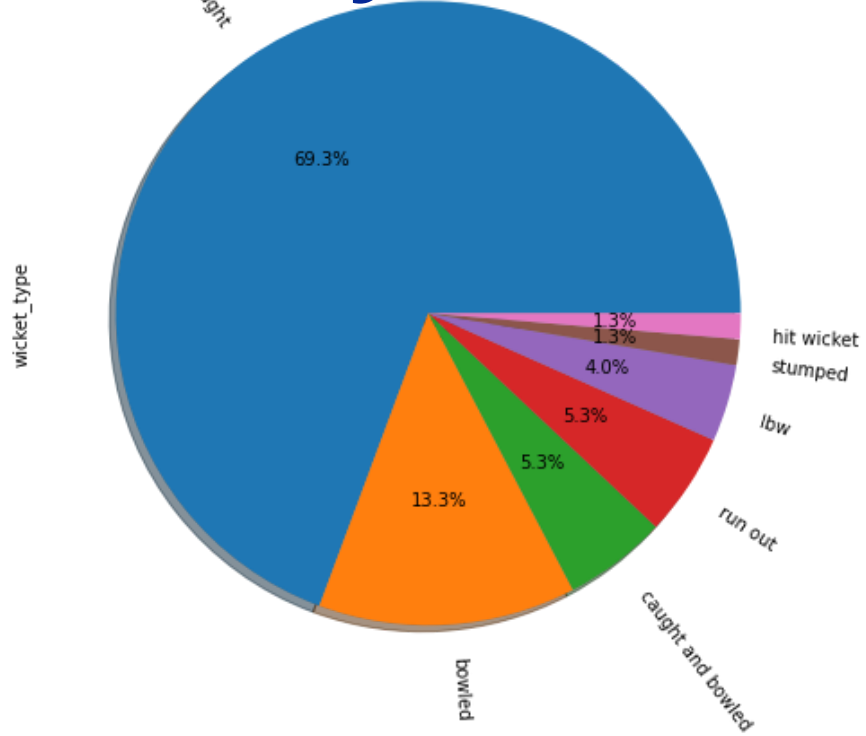
# Incident 2

Performance of CSK as bowling team in 2020

# Top wicket takers of CSK in 2020

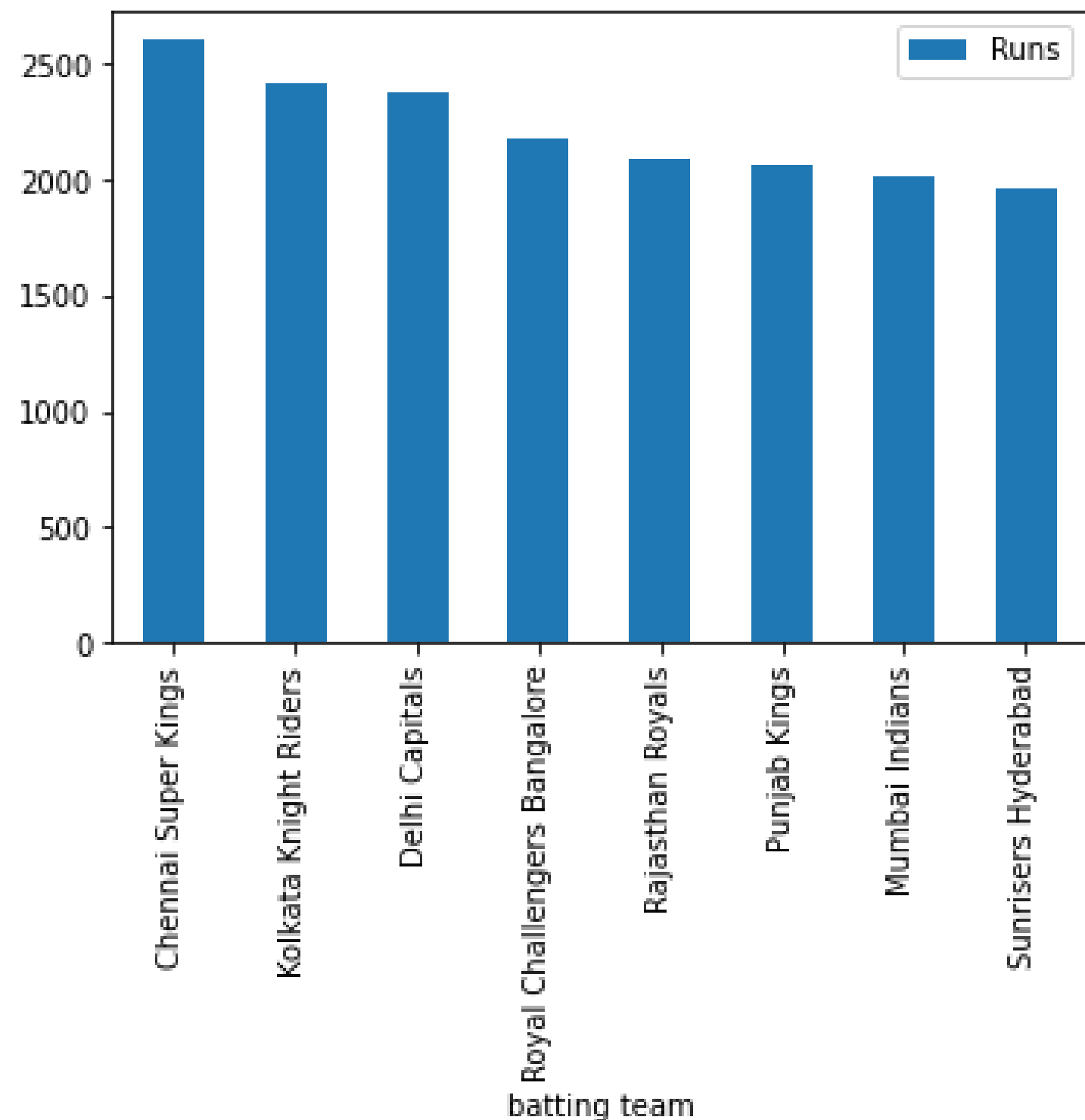


# Types of wicket by CSK bowlers





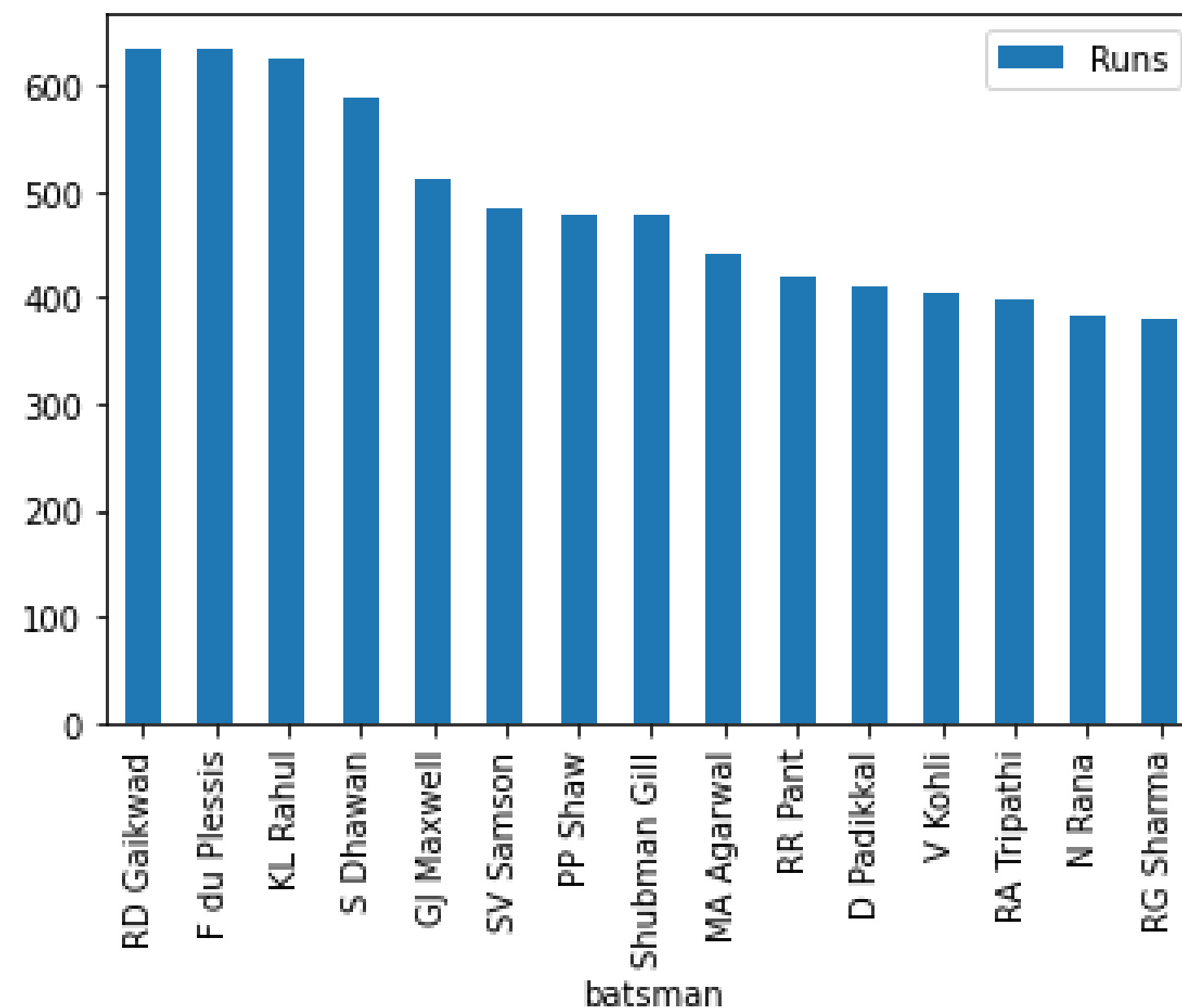
# Runs scored by all the teams



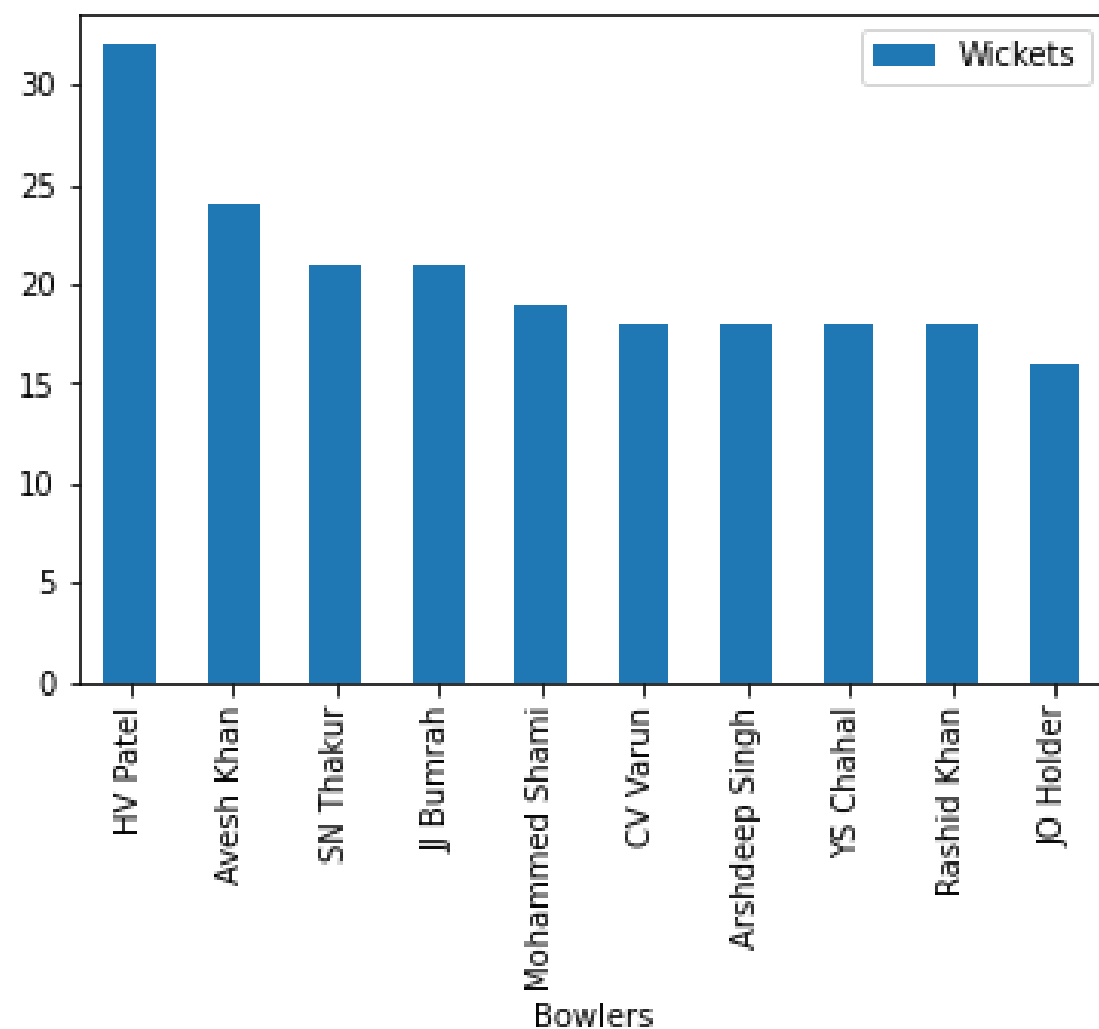
# Incident 2

Overall performance of all teams in 2021

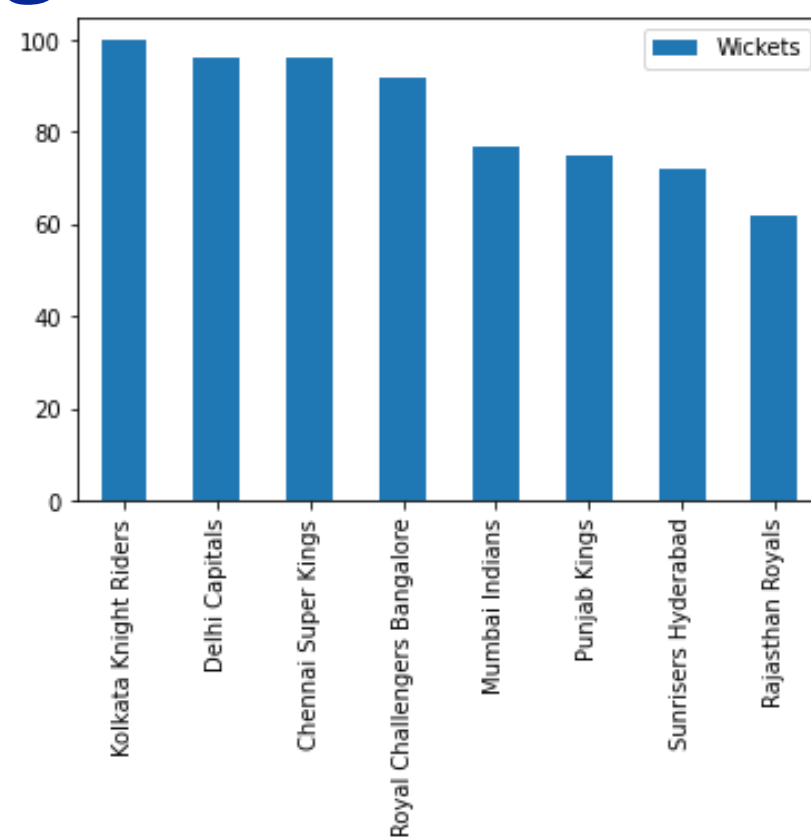
## Top strikers of 2021



## Best bowlers with most wickets



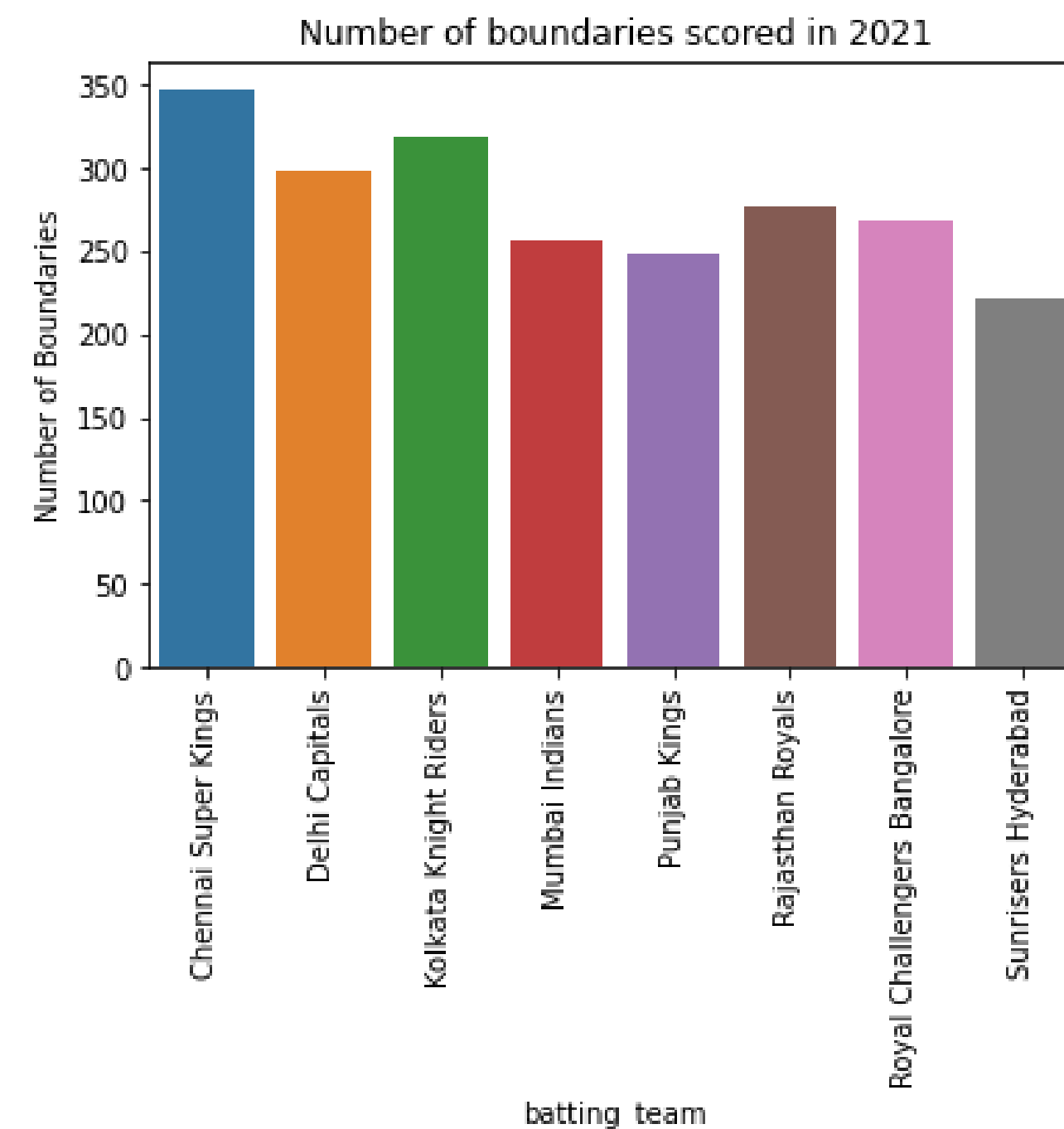
## Best bowling team with most wickets



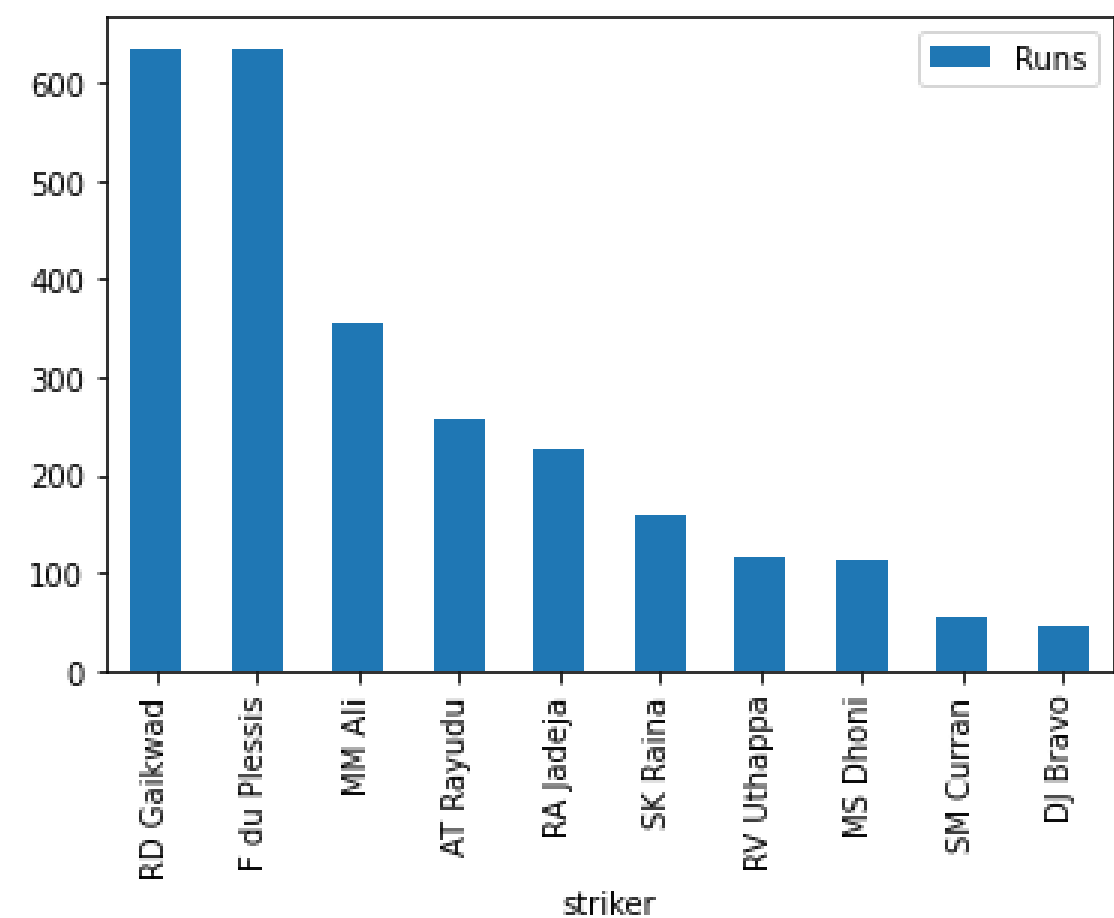
## Incident 2

Overall performance of all teams in 2021

## Teams with most boundaries in 2021



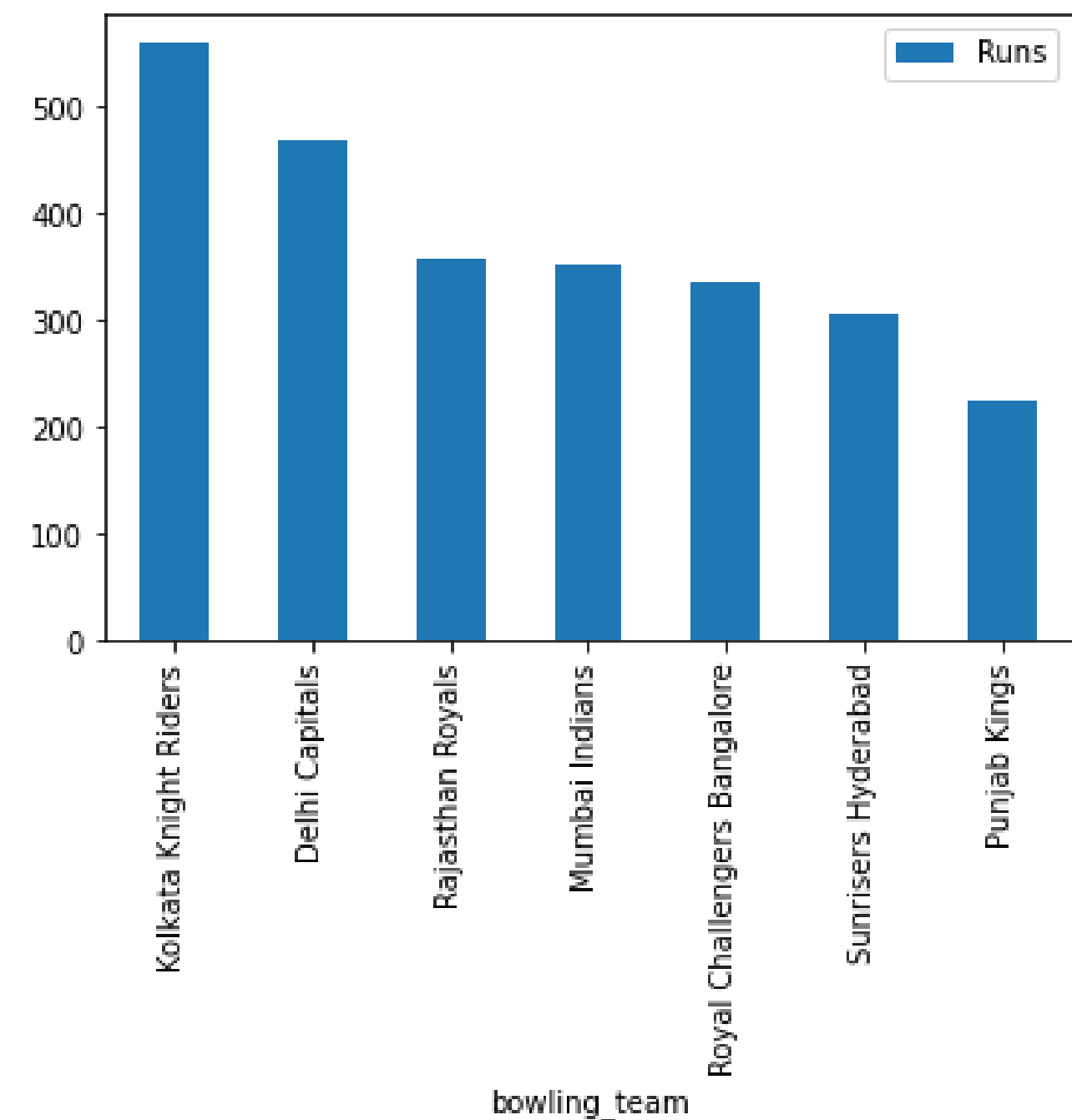
# Top 10 run scorers of CSK in 2020



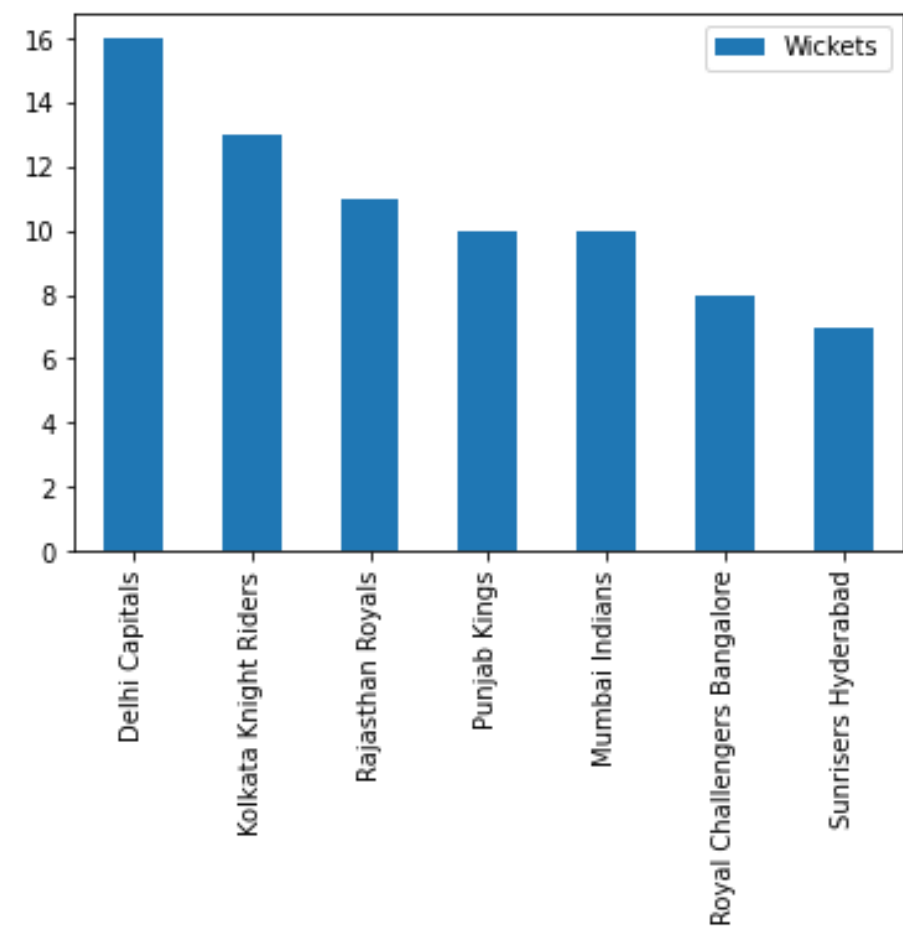
# Incident 2

Performance of CSK as batting team in 2021

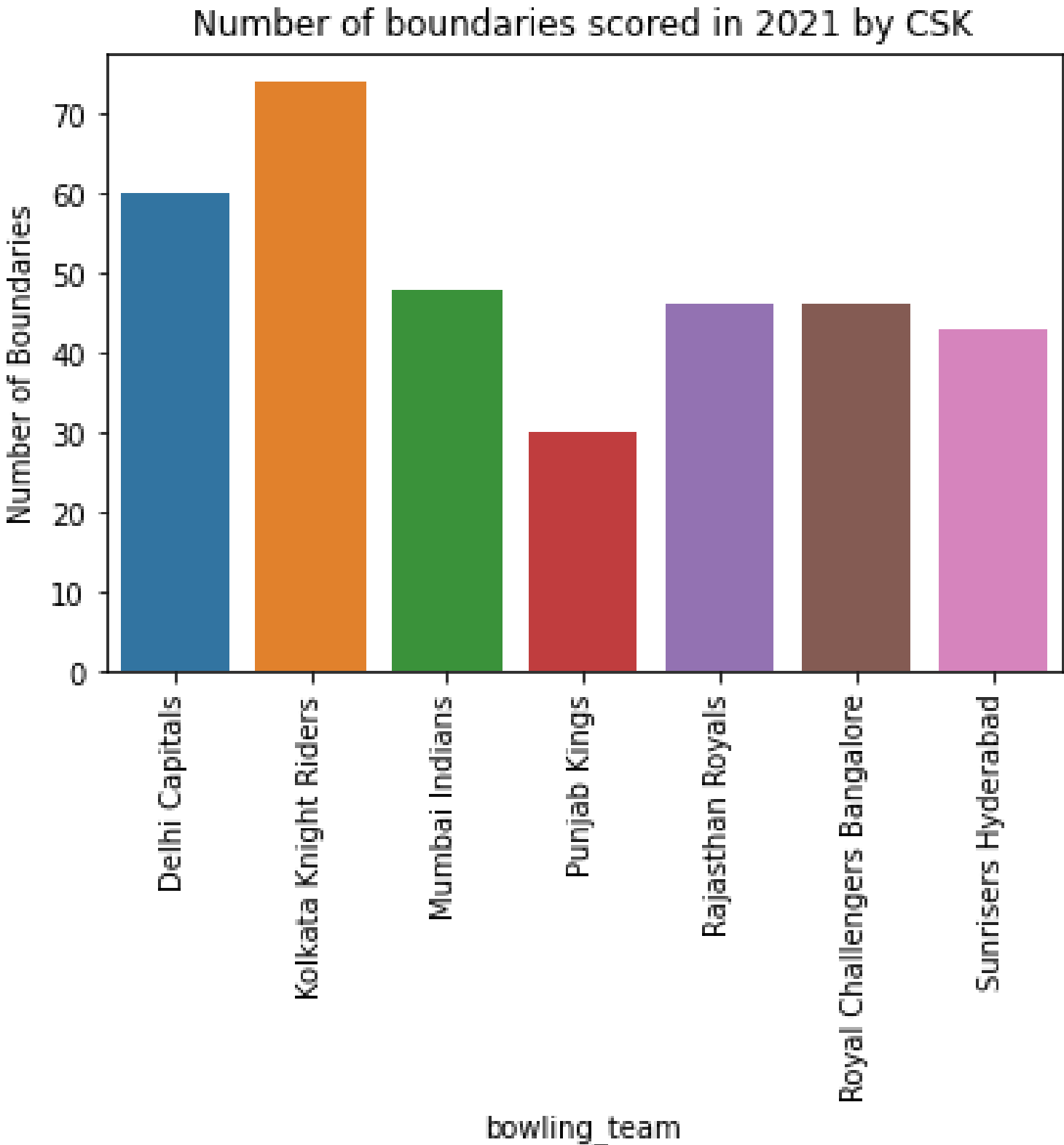
## Most runs by CSK against the teams-



# Top wicket taking bowling unit against CSK



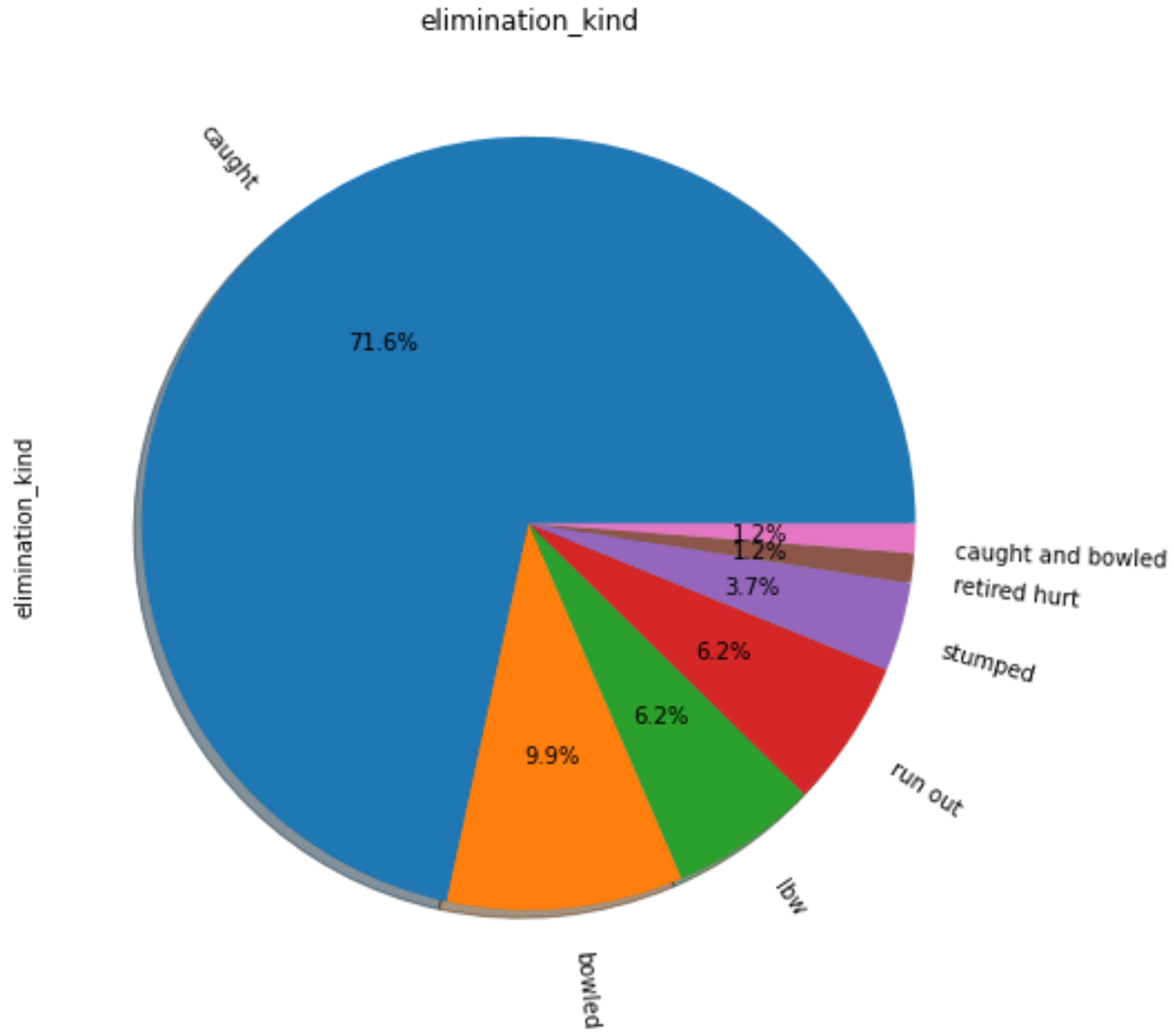
# Most boundaries by CSK against the teams-



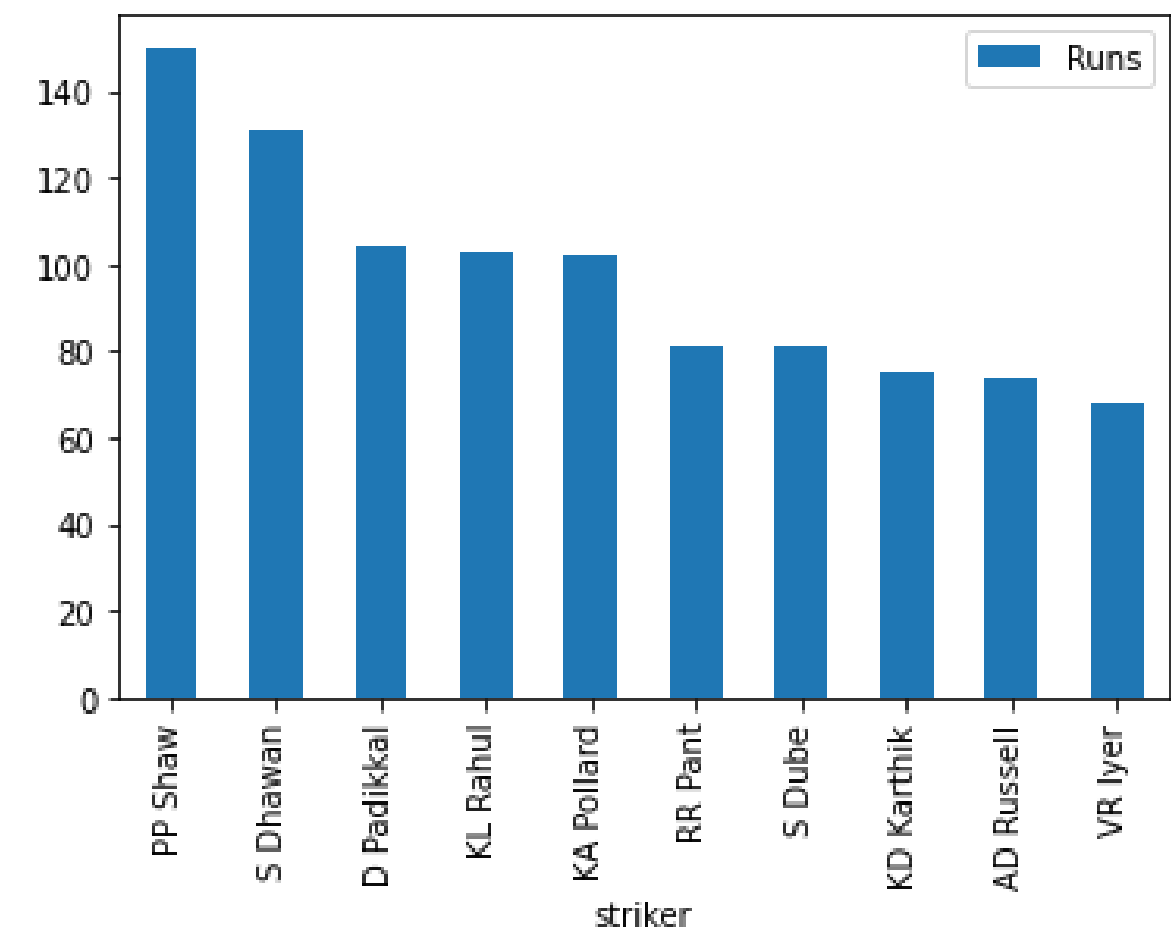
# Incident 2

Performance of CSK as batting team in 2021

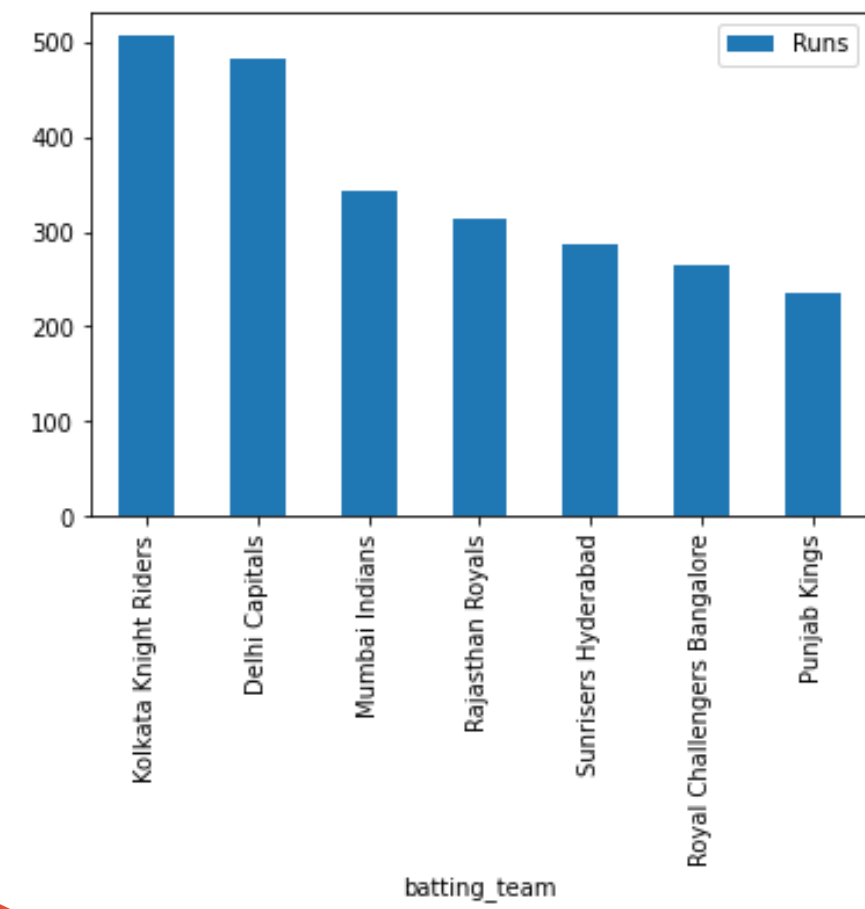
## CSK batsman got out by the wicket types



# Top 10 run scorers against CSK in 2020



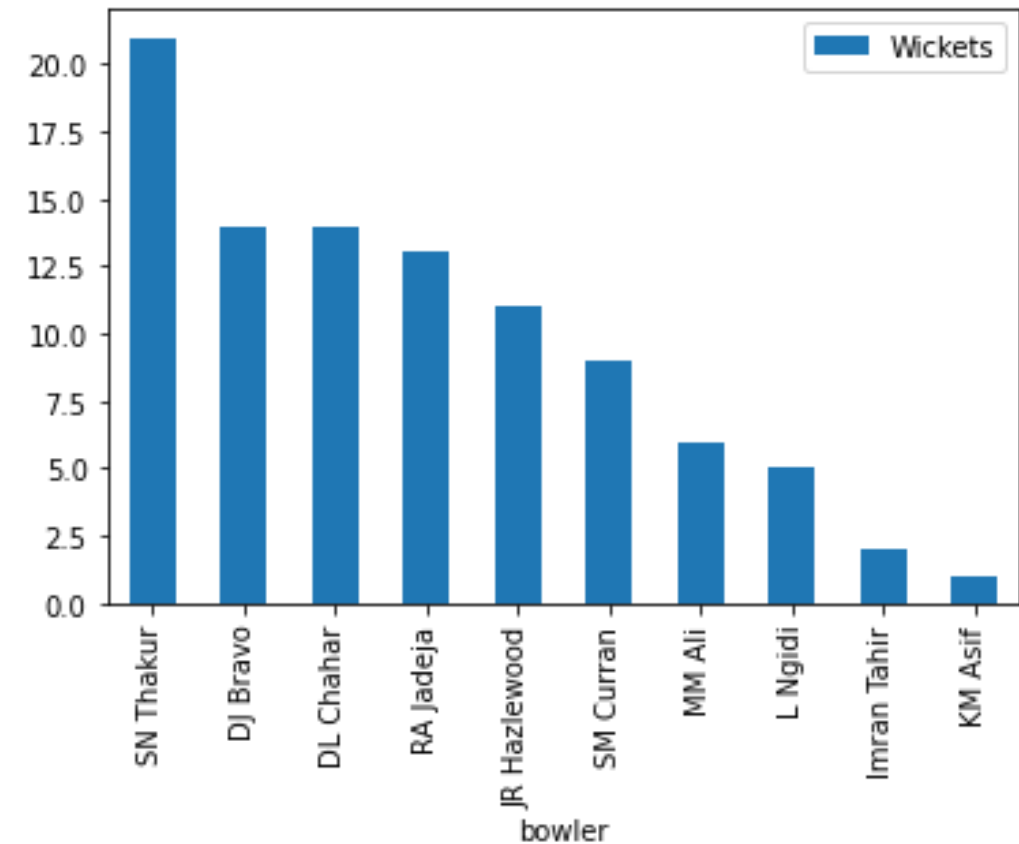
# Top runs by teams against CSK



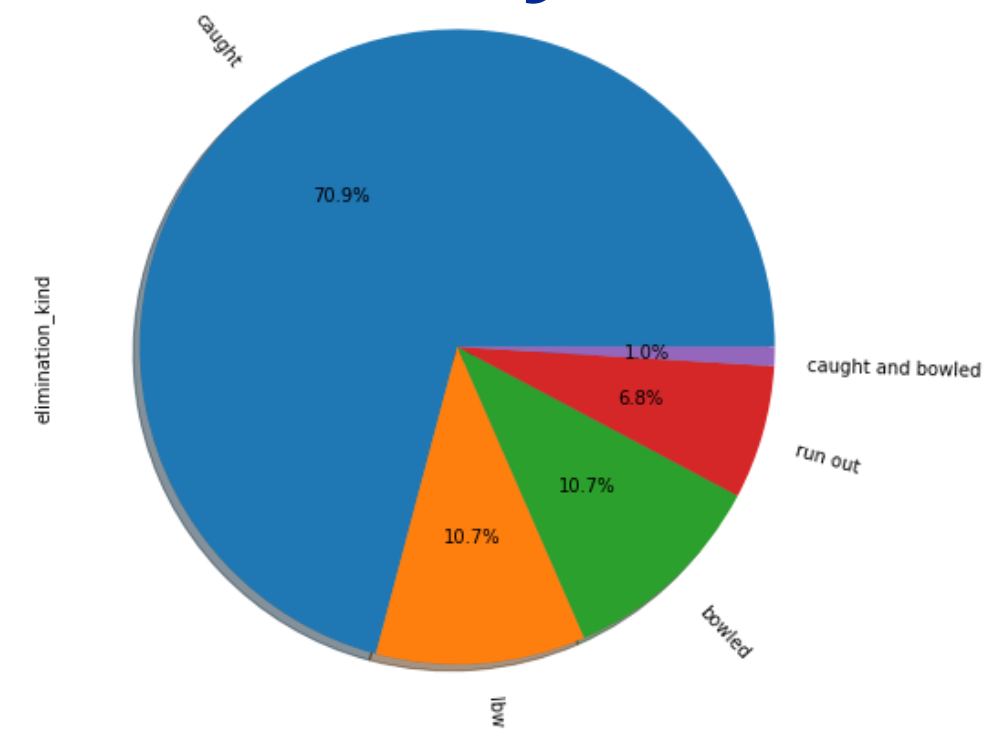
# Incident 2

Performance of CSK as bowling team in 2021

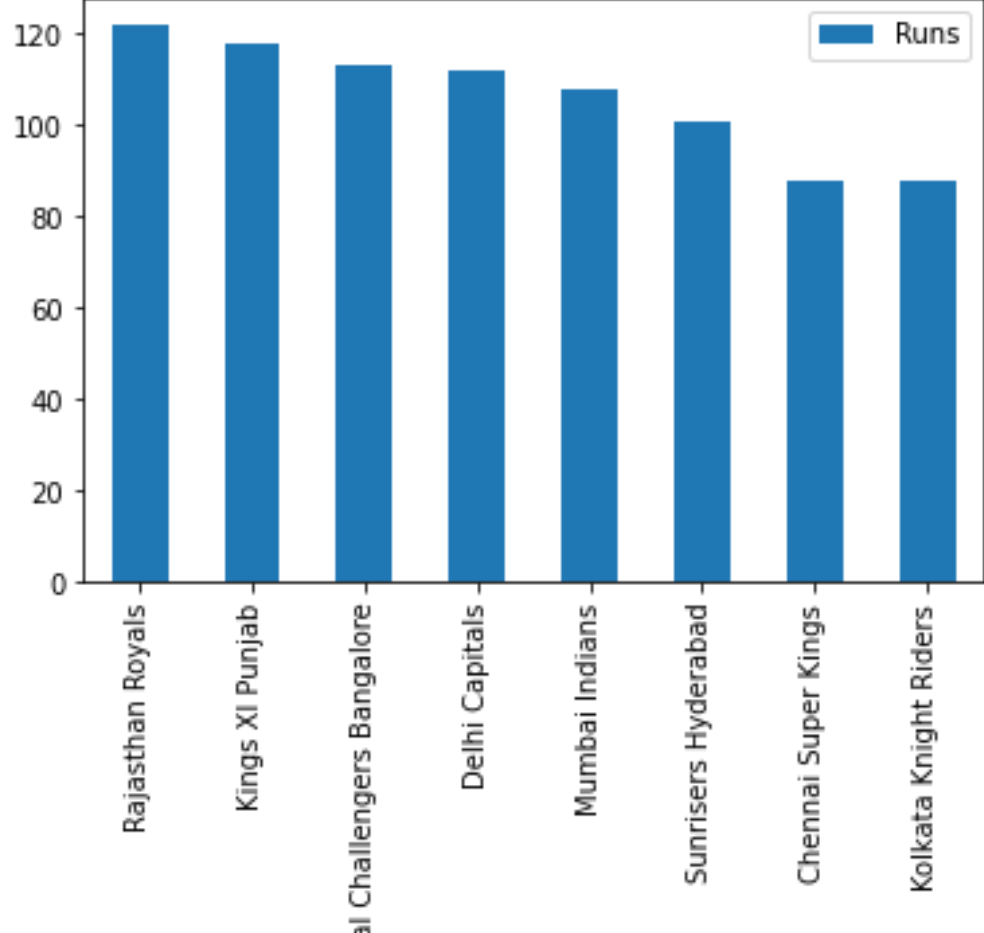
# Top wicket takers of CSK in 2021



# Types of wicket by CSK bowlers

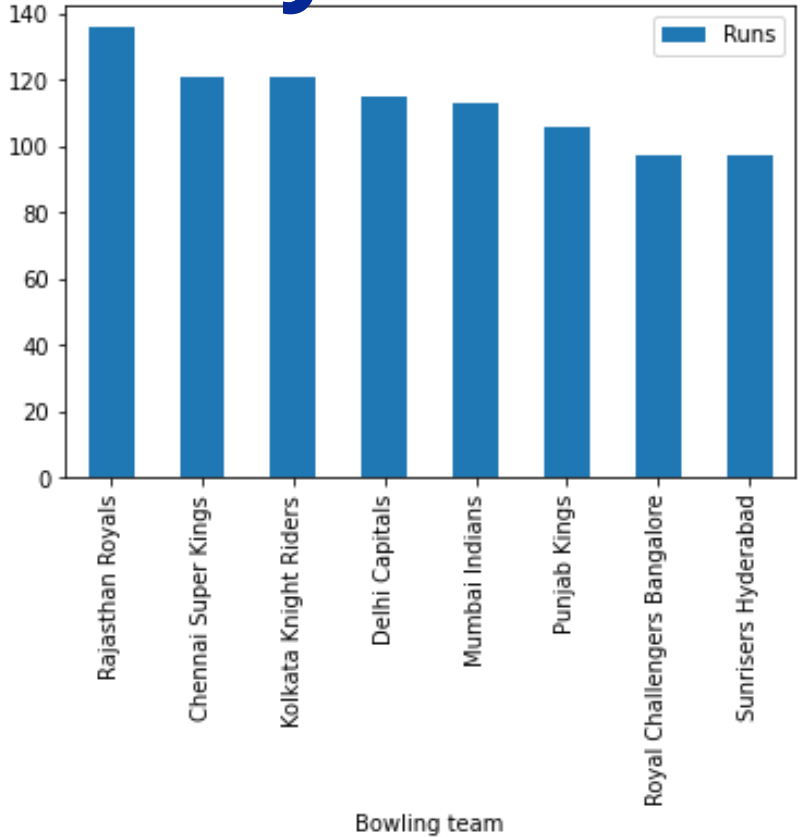


# Most extras by a team in 2020

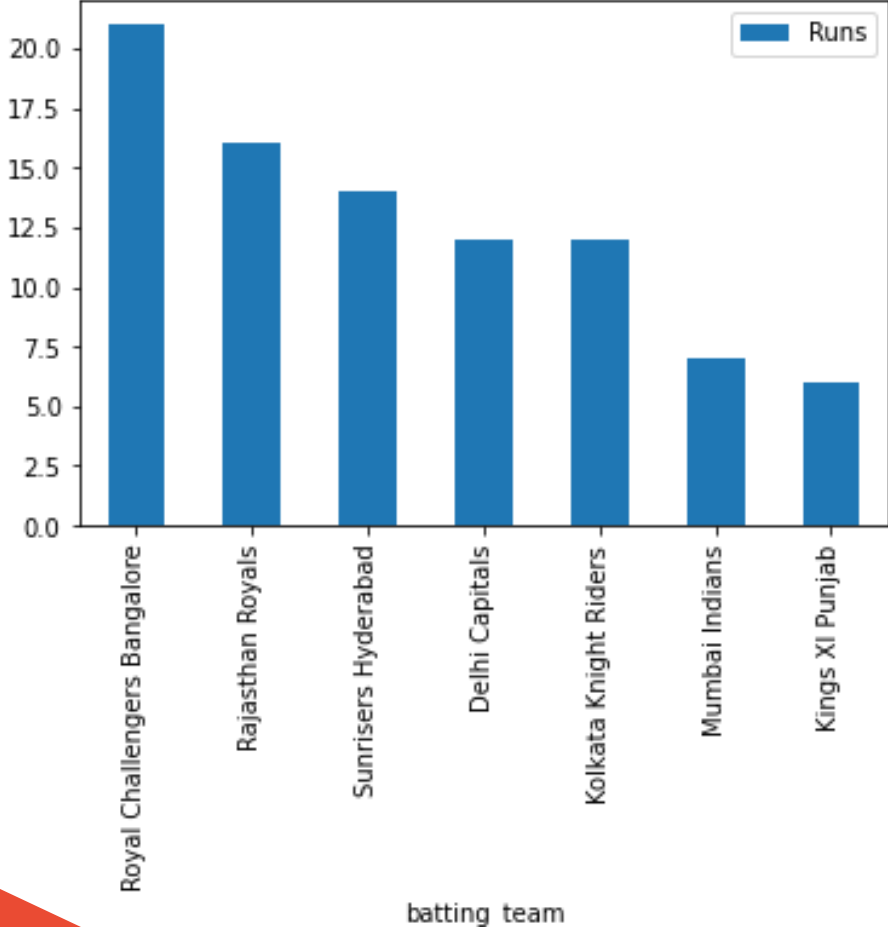


# Incident 2

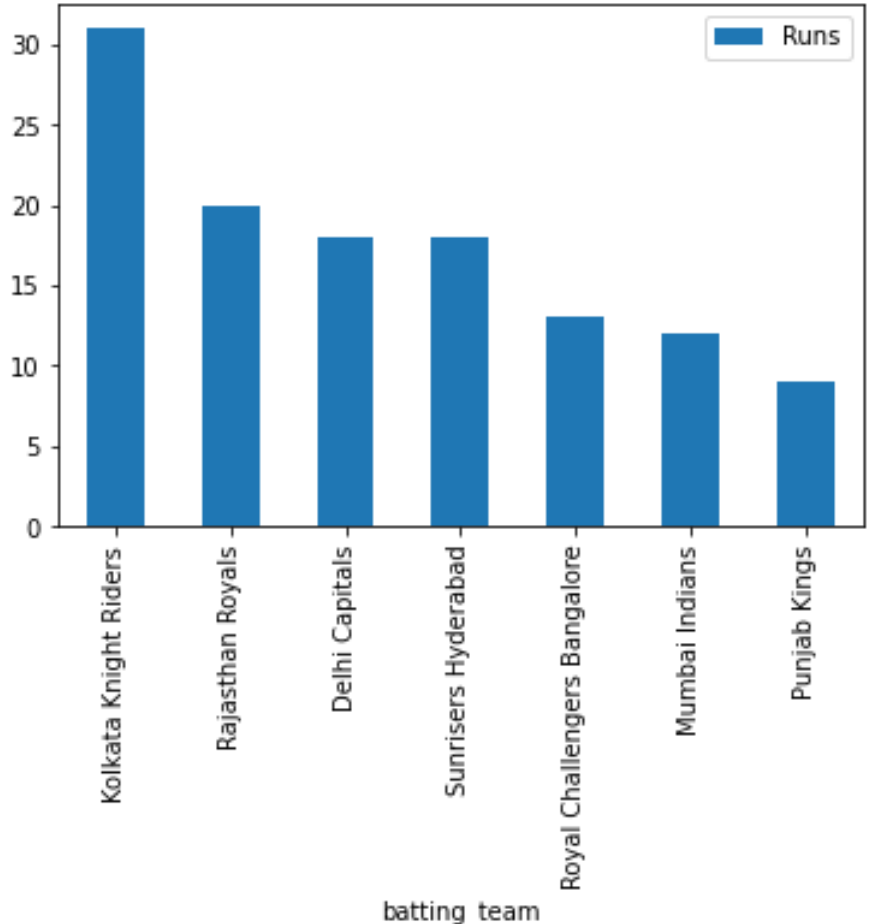
# Most extras by a team in 2021



# Most extras by CSK in 2020



# Most extras by CSK in 2021





# Results from the Analysis of incident 2

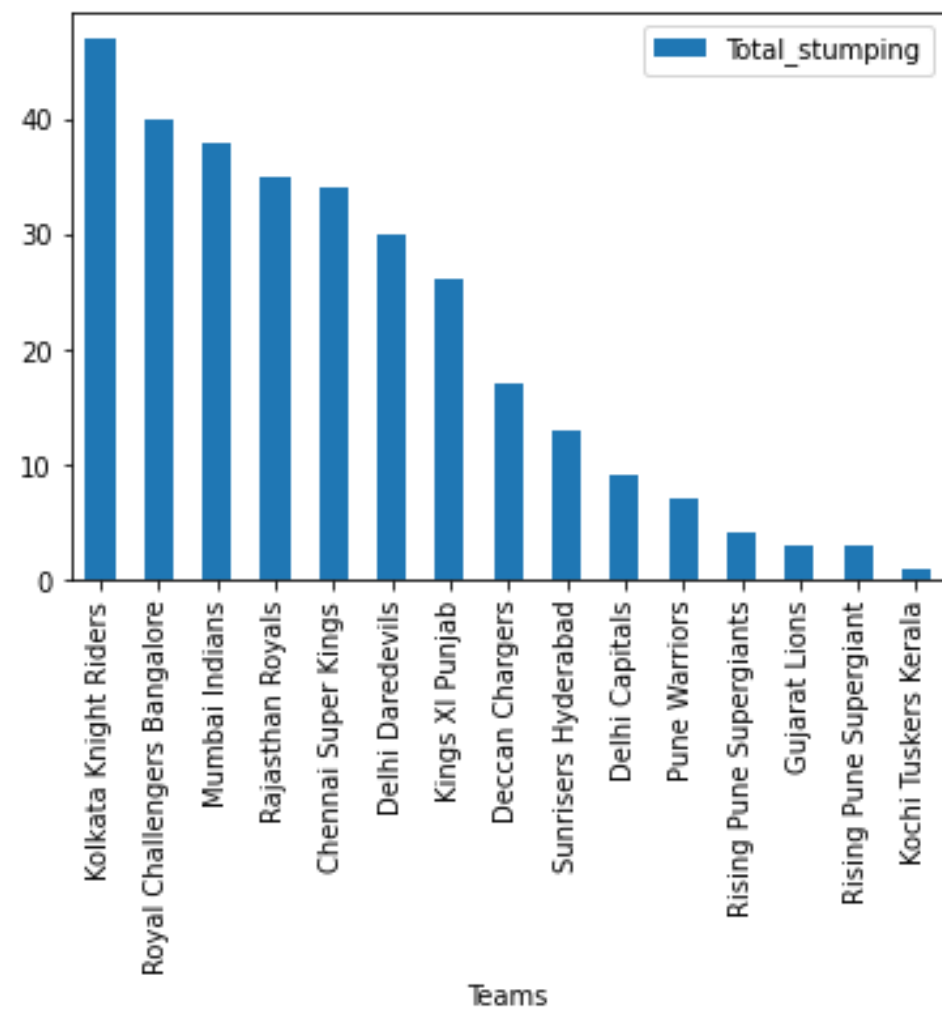
## ● CSK in 2020

- CSK has lowest overall runs.
- No batsman from CSK among the top 10 run scorers.
- No bowler from CSK among the top 10 wicket takers. 6th position in total wickets among other teams.
- Lowest number of total boundaries after RCB in 2020.

## ● CSK in 2021

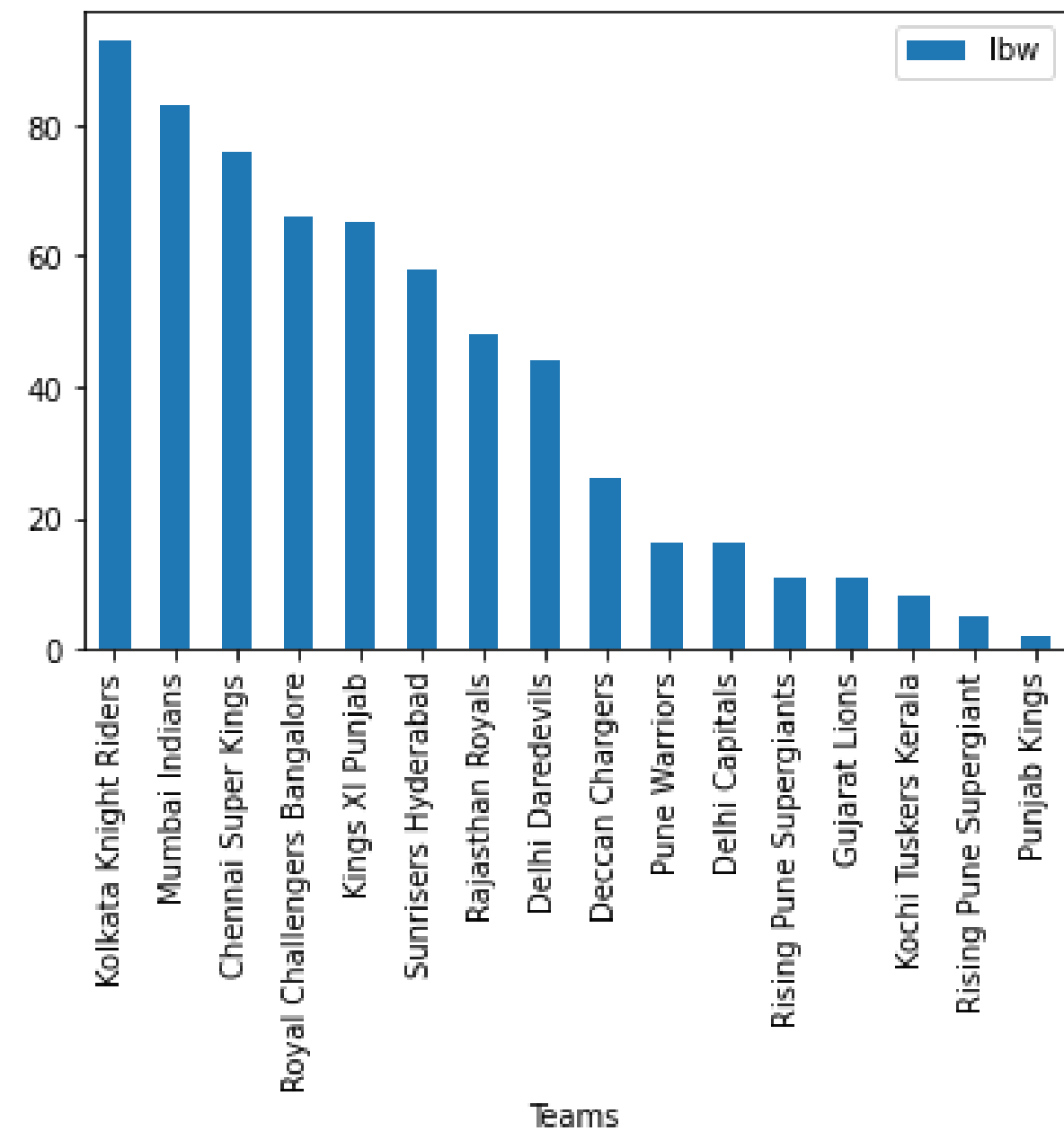
- CSK has lowest overall runs.
  - R Gaikwad and Faf du Plessis from CSK are the top two run scorers.
  - Shardul Thakur from CSK is the 3rd highest wicket taker .
  - Highest number of total boundaries after RCB in 2020.
- CSK batsman got bowled and caught in 19.4% and 59.7% in 2020 while in 2021 they got bowled only 9.9 % and caught 71.6%
- CSK bowlers took only 4% wickets as lbw in 2020 while in 2021 they took 10.7%.
- More extra runs by CSK in 2021 than in 2020 . So extra runs assumption didn't played a major role in winning.

Which team has the most 'stumpings' ?

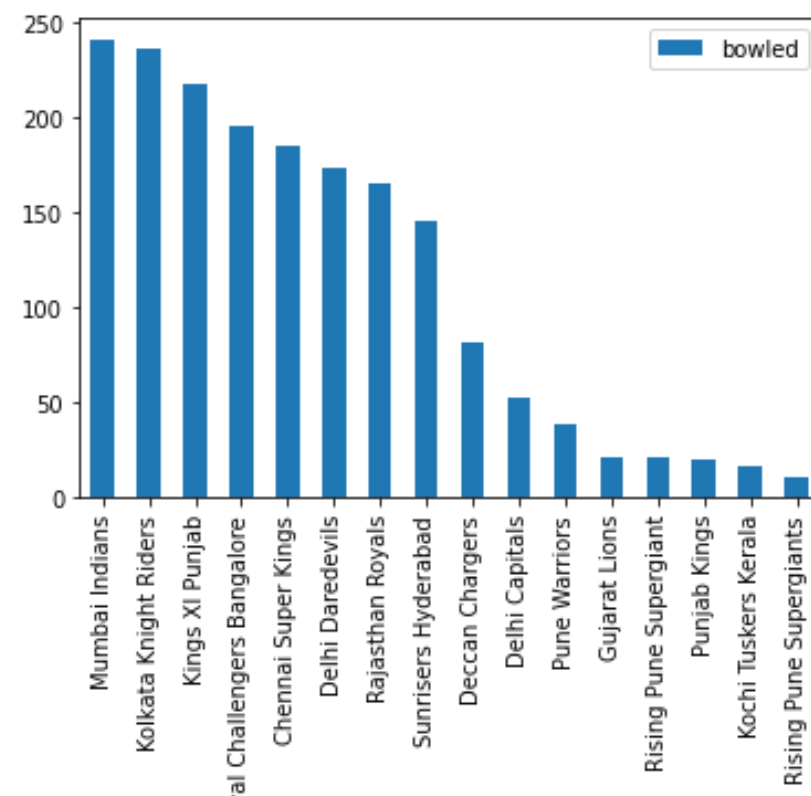


Overall performance of all teams in IPL till 2021  
Best bowling and fielding performance by a team

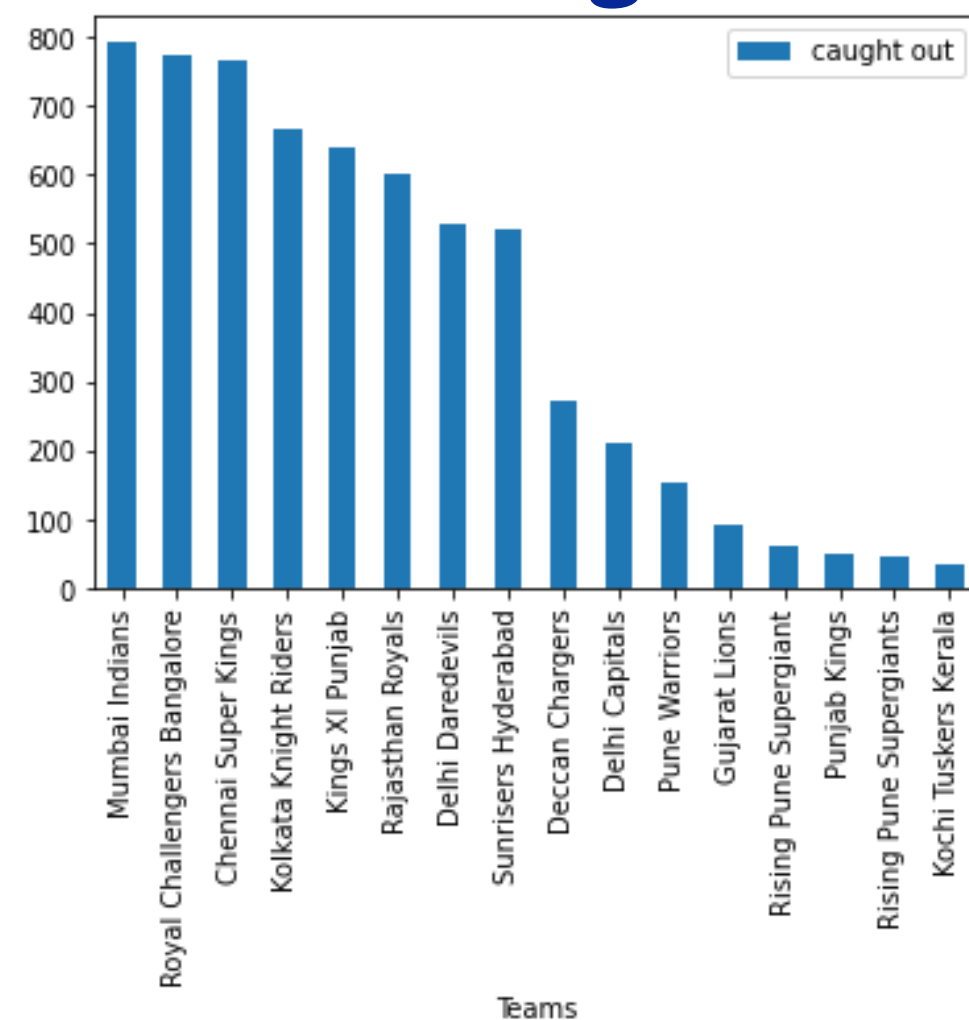
Which team has the most 'lbw' ?



Which team has the most 'bowled' ?



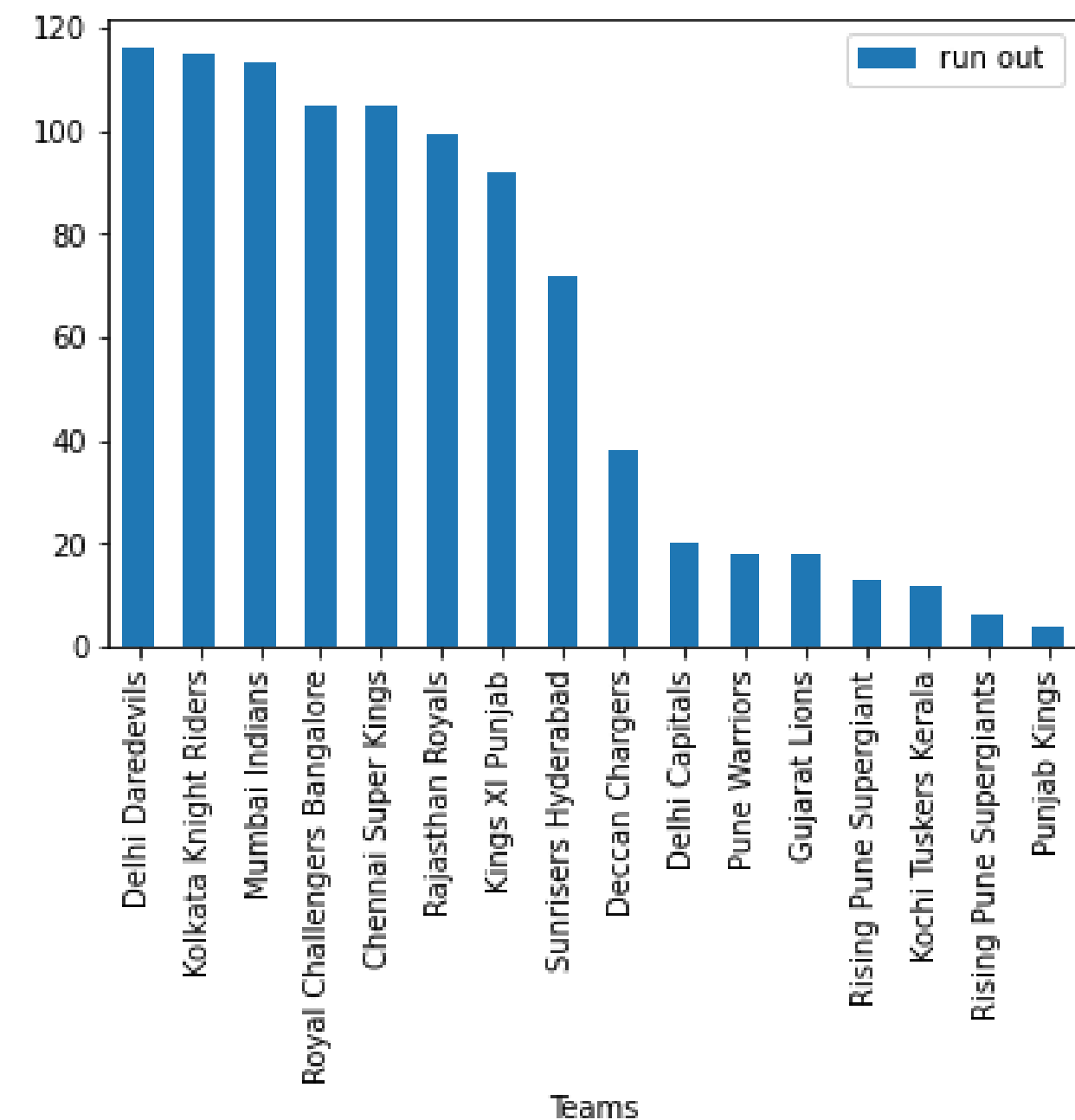
Which team has the most 'caught out' ?



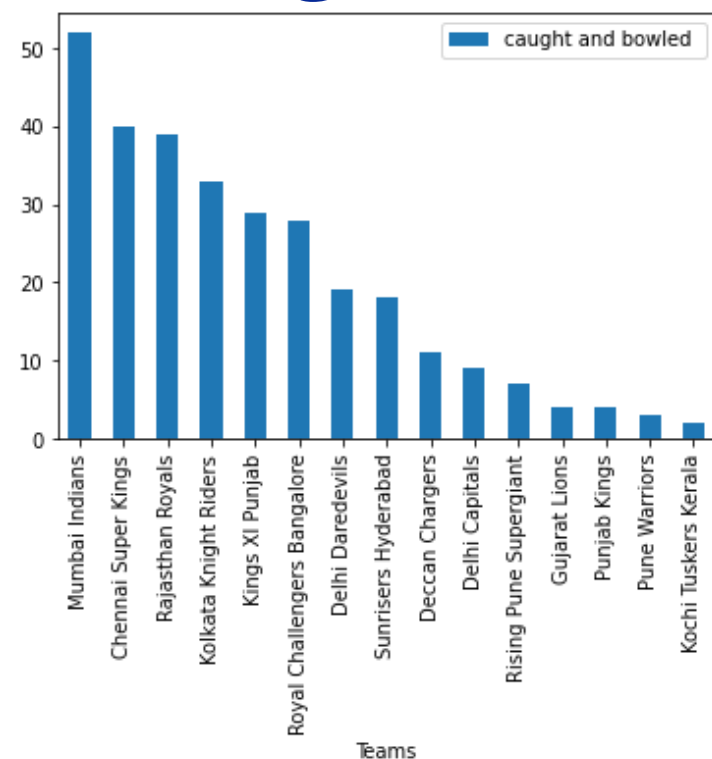
# Incident 3

Best bowling and fielding performance by a team

Which team has the most 'run out' ?



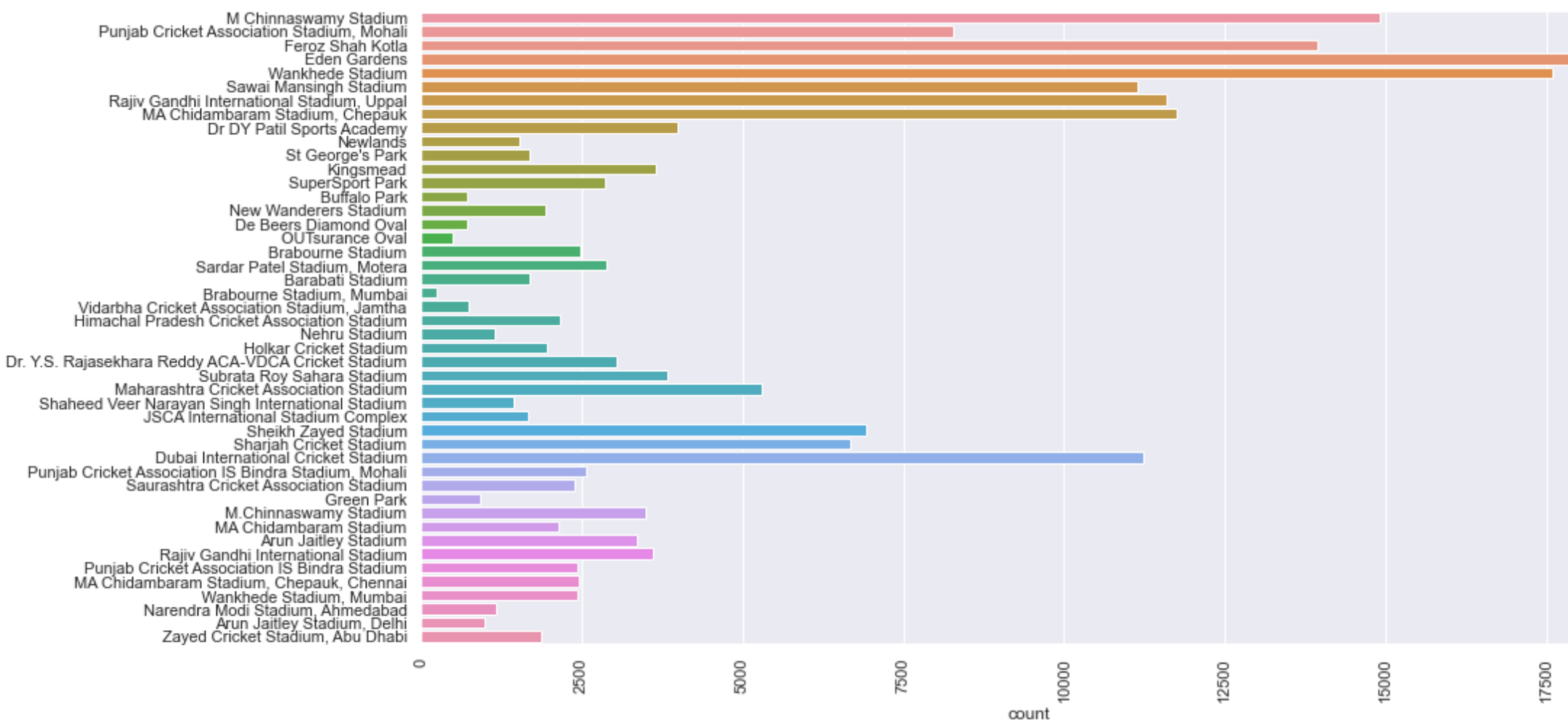
Which team has the most 'caught and bowled' ?



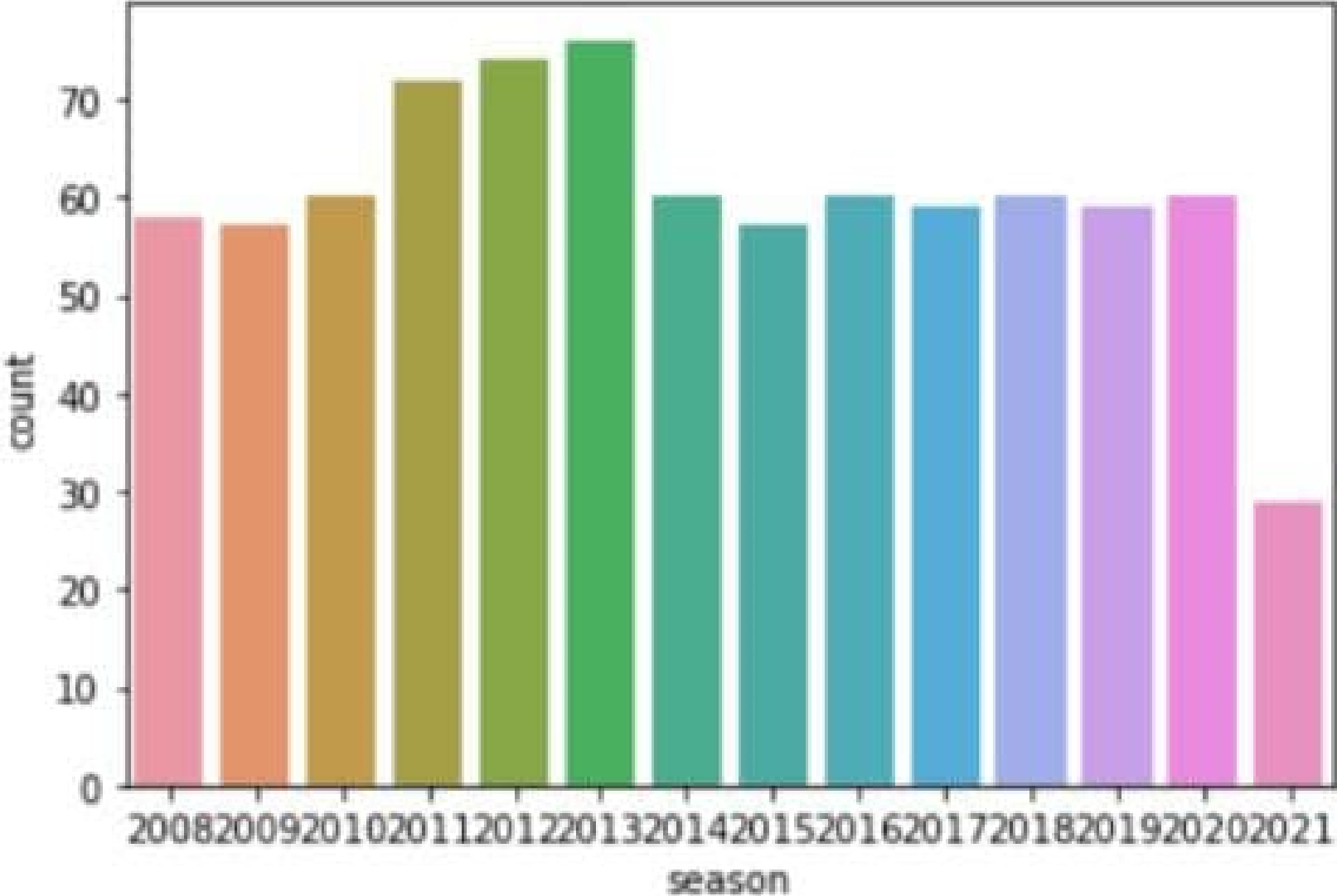
# Incident 3

Overall performance of all teams in IPL till 2021

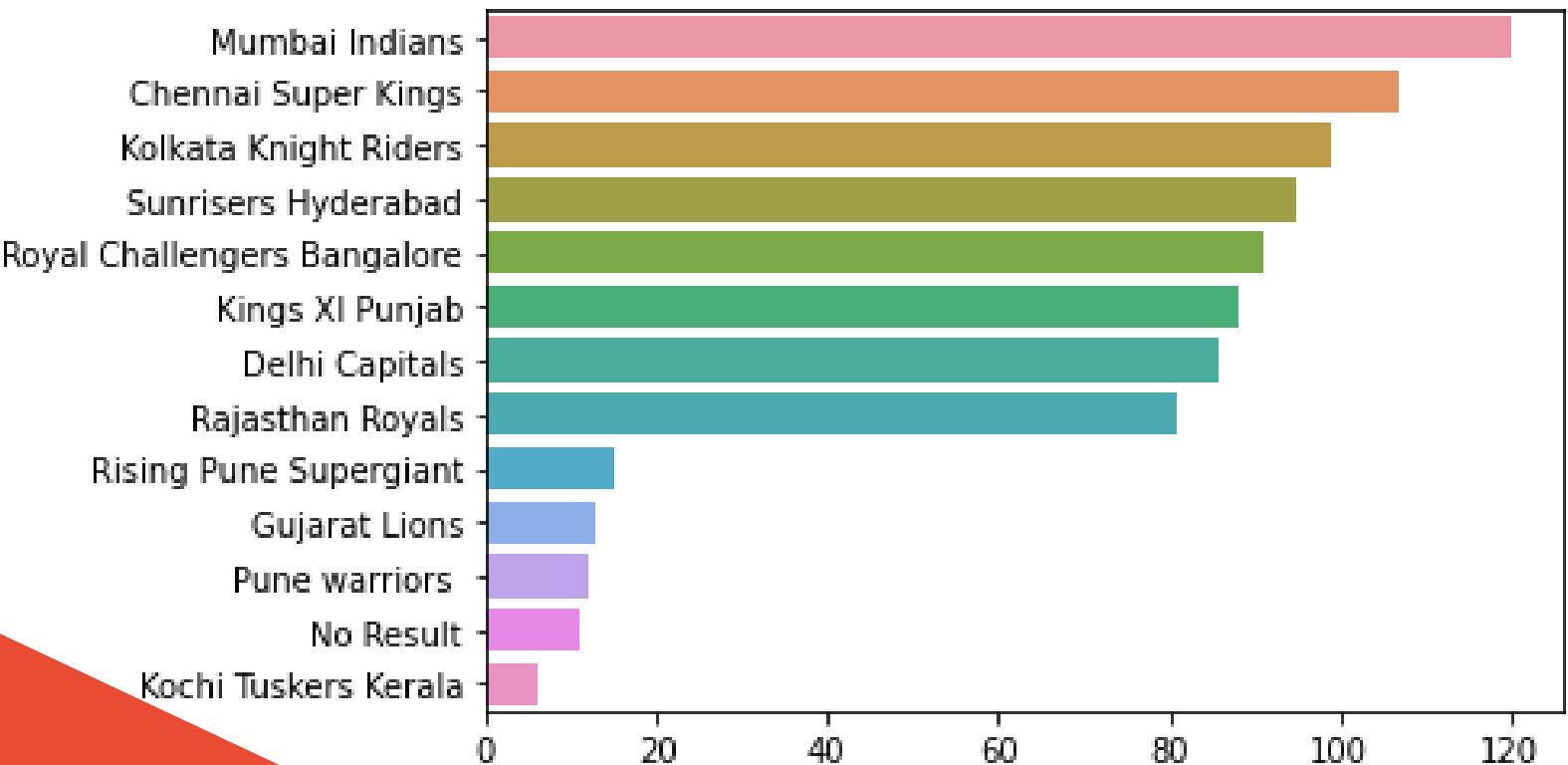
## Number of matches at each venue



## Season with most matches



## Most successful IPL team

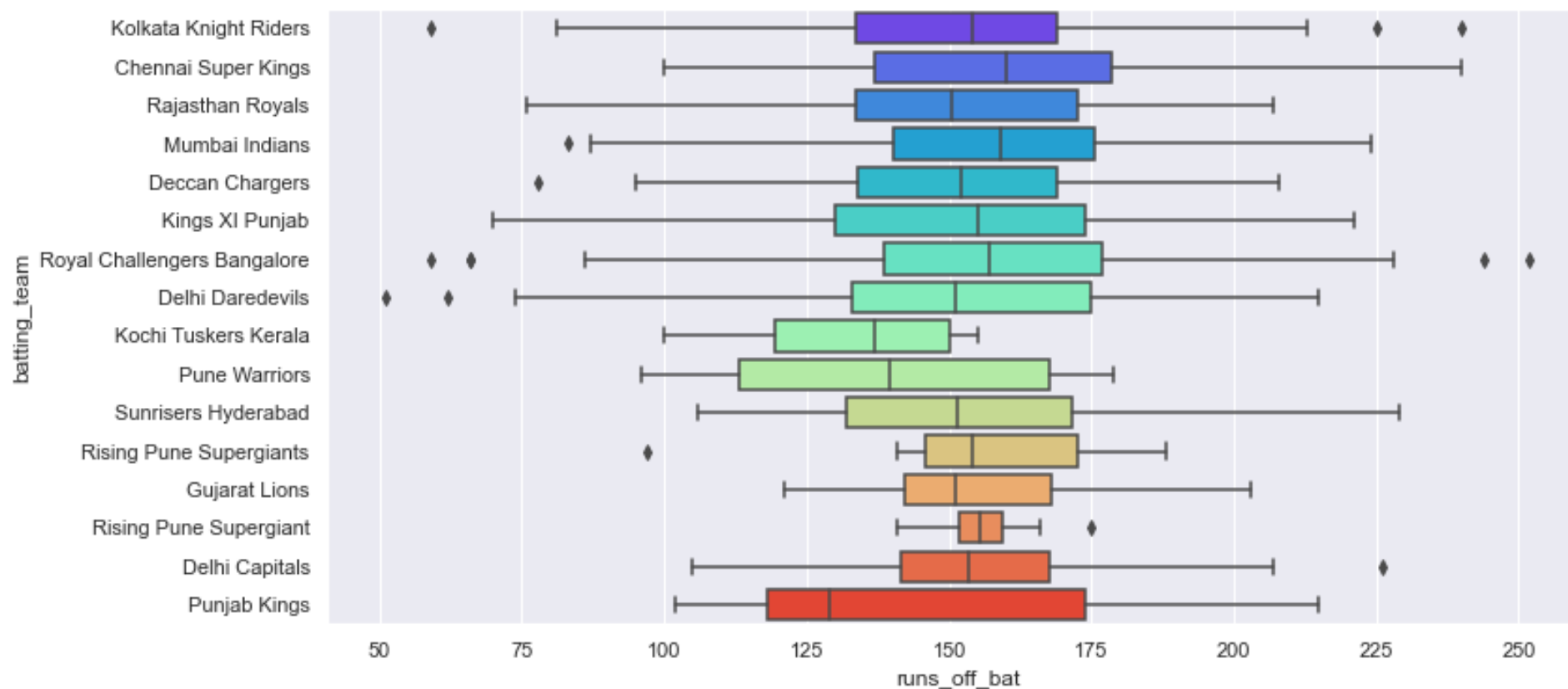


# Incident 3

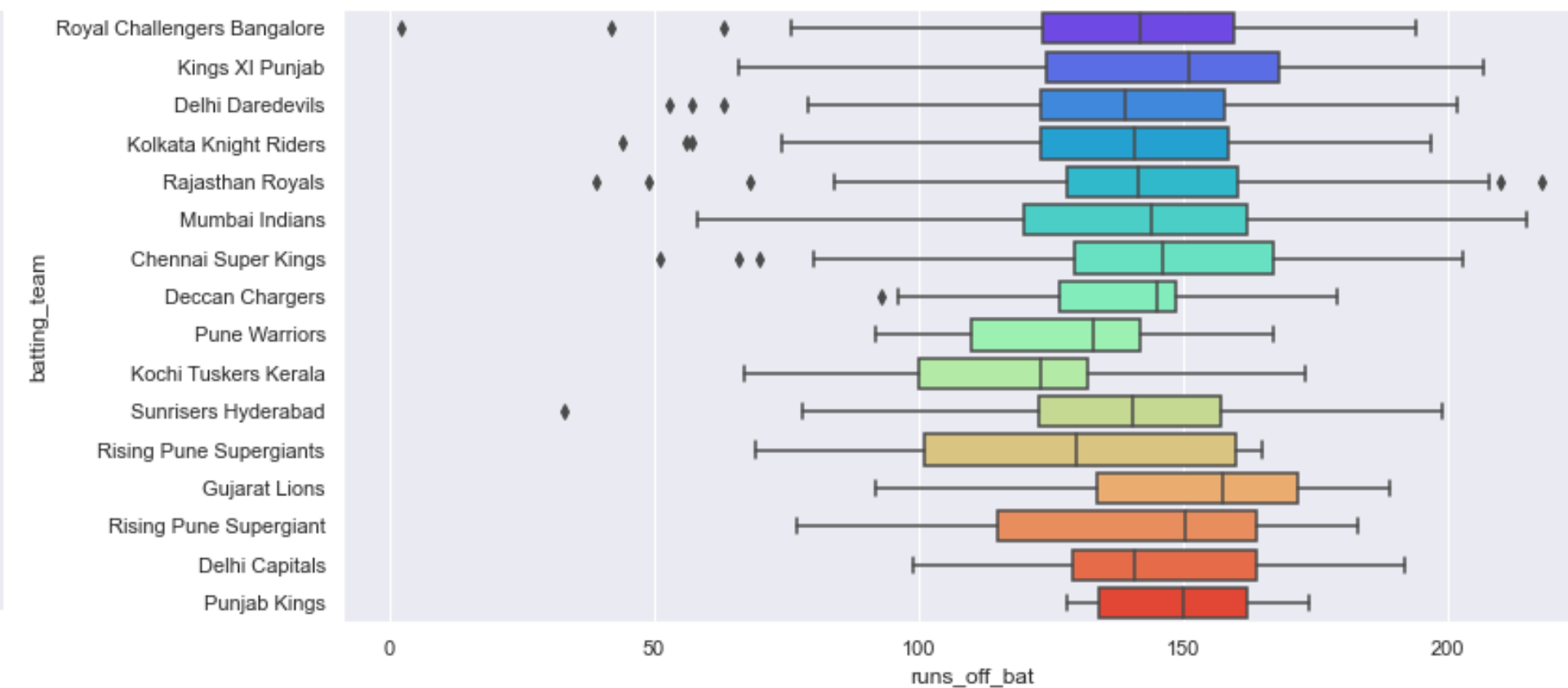
Overall performance of all teams in IPL till 2021

## Score distribution of each team by innings

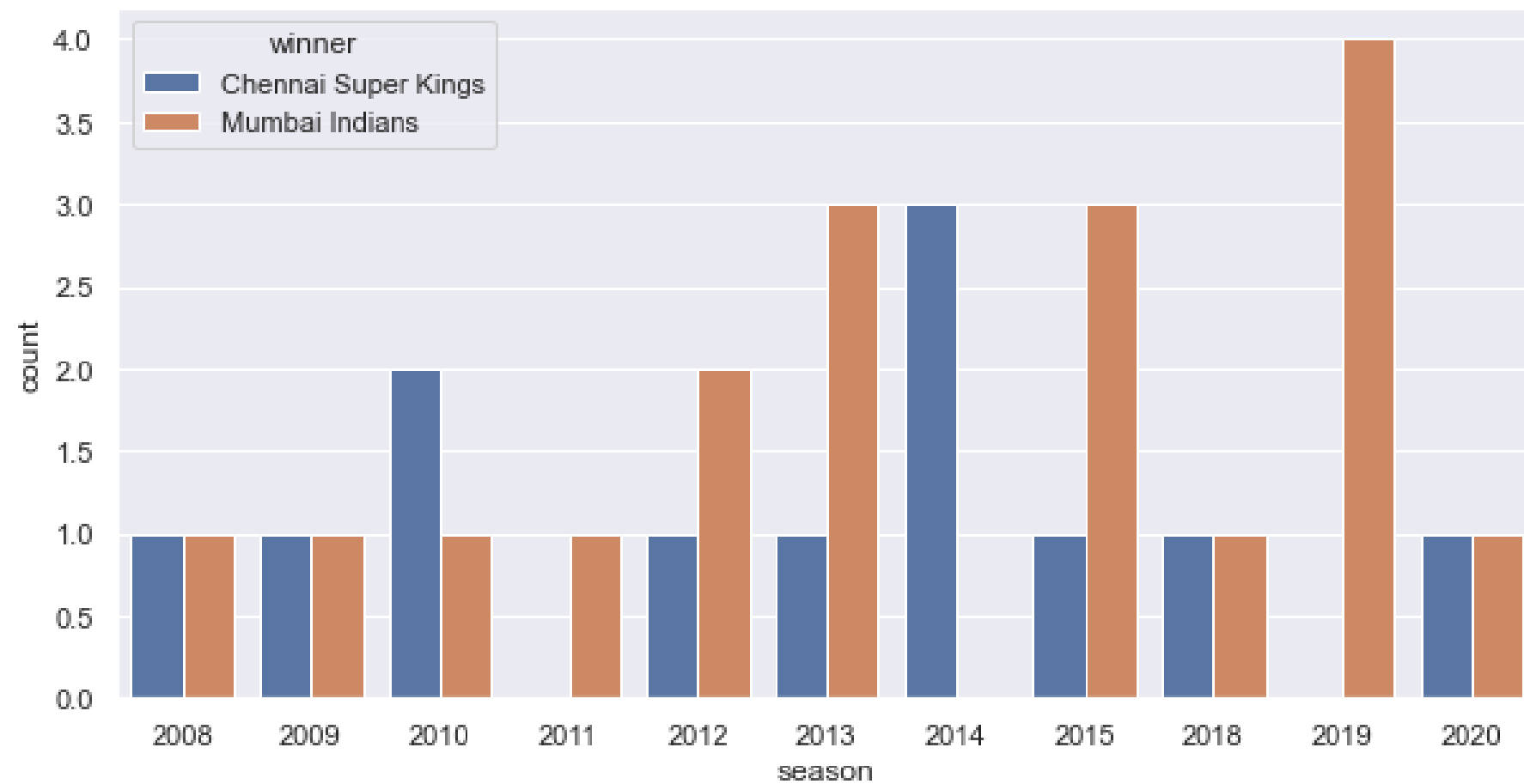
For first innings



For second innings



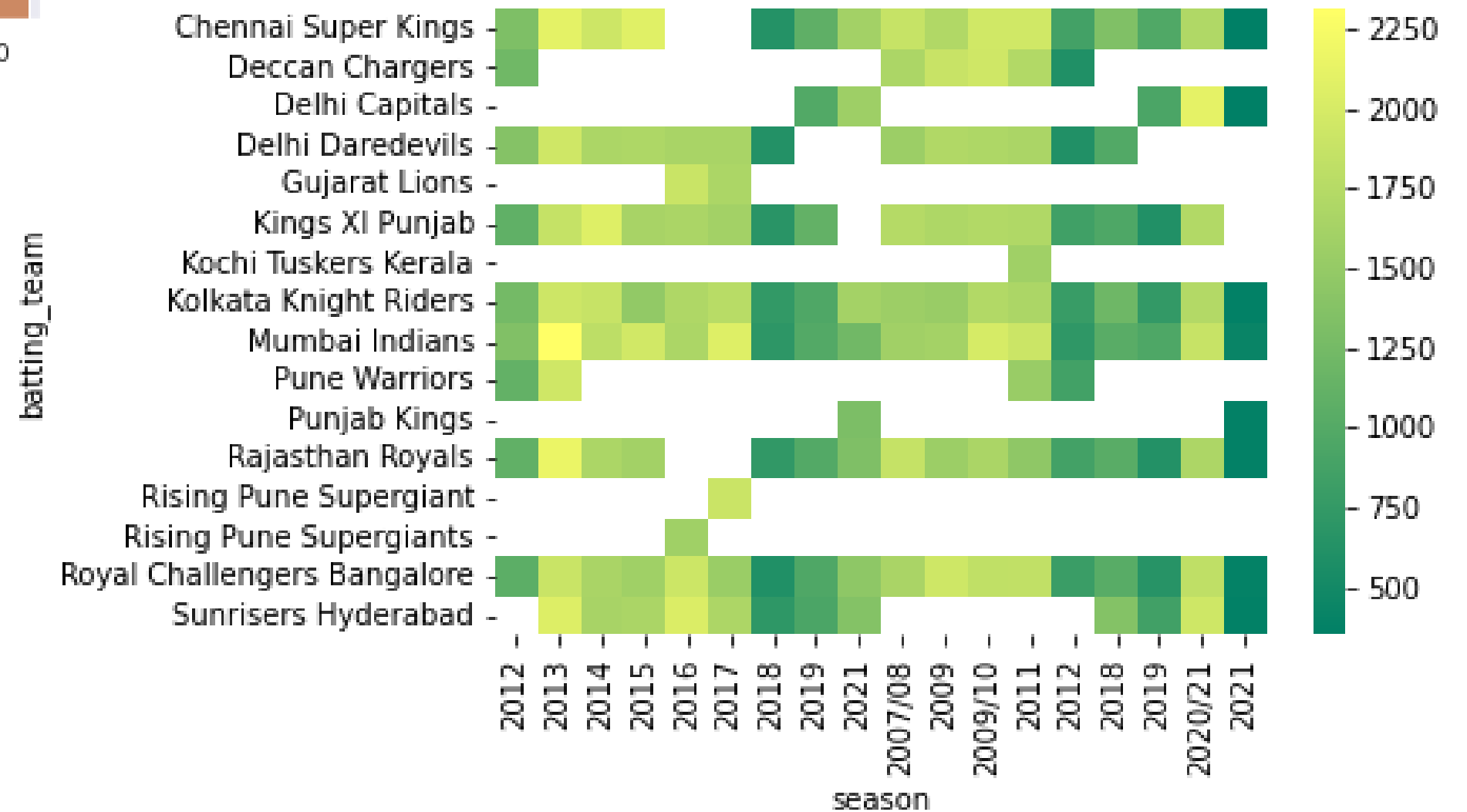
## Season-wise MI vs CSK



# Incident 3

# Rivalry between MI vs CSK

## Season-wise batting performance of each team in heat-map





# Results from the Analysis of incident 3

- KKR and MI are better at lbw , bowled and stumping. While CSK , MI and RCB are better at caught out , caught and bowled.
- 2012 and 2013 had the highest number of ipl matches.
- MI is the most successful ipl team with highest number of wins.
- Eden Gardens held the highest number of ipl matches.
- CSK and MI has the highest batting average in first innings around 160 runs while Punjab kings has the lowest around 130.
- In second innings MI ,CSK,KKR has average runs around 130-140. While RR and MI has chased the highest number of times with target runs more than 200.
- In the rivalry between CSK vs MI , MI dominated most of the times except in 2010 and 2014.

# Thank you!

