

ANALYSIS OF IPL 2020 QUALIFIER-1

MUMBAI INDIANS

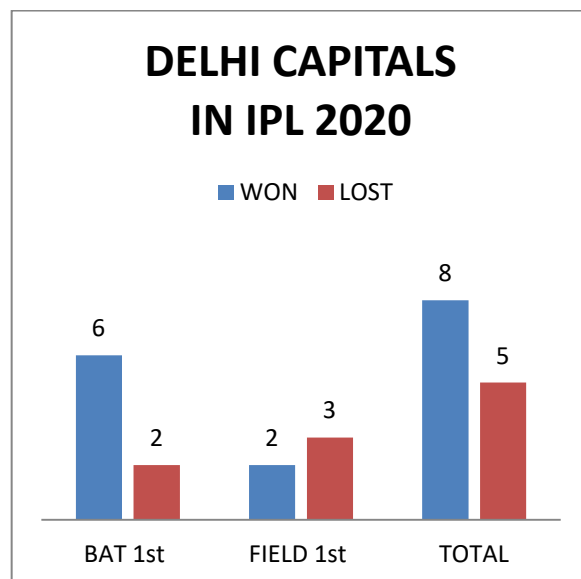
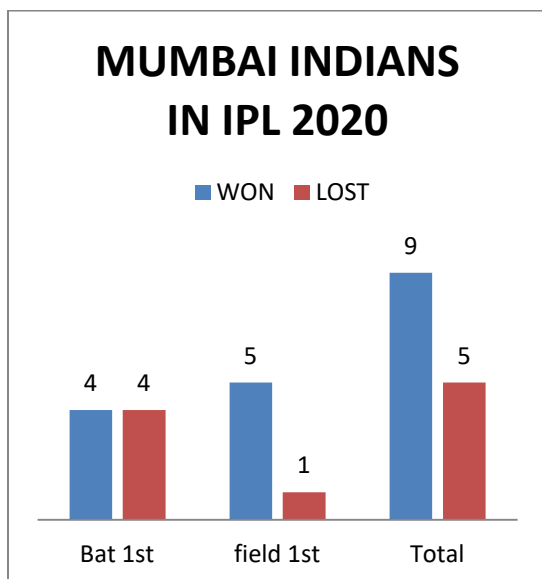


DELHI CAPITALS



- What will be the plan of MI against DC in qualifier-1?
- Here some analysis of how MI beat DC.

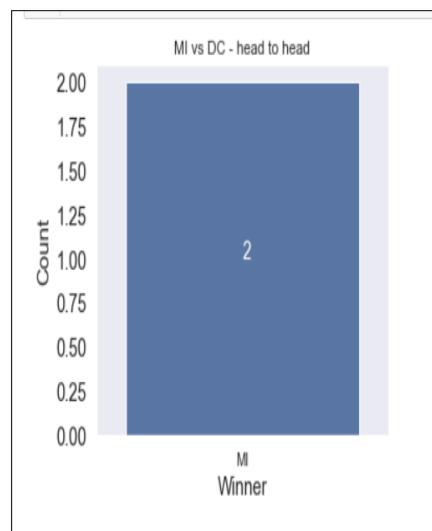
➤ Performance of Both team in IPL 2020



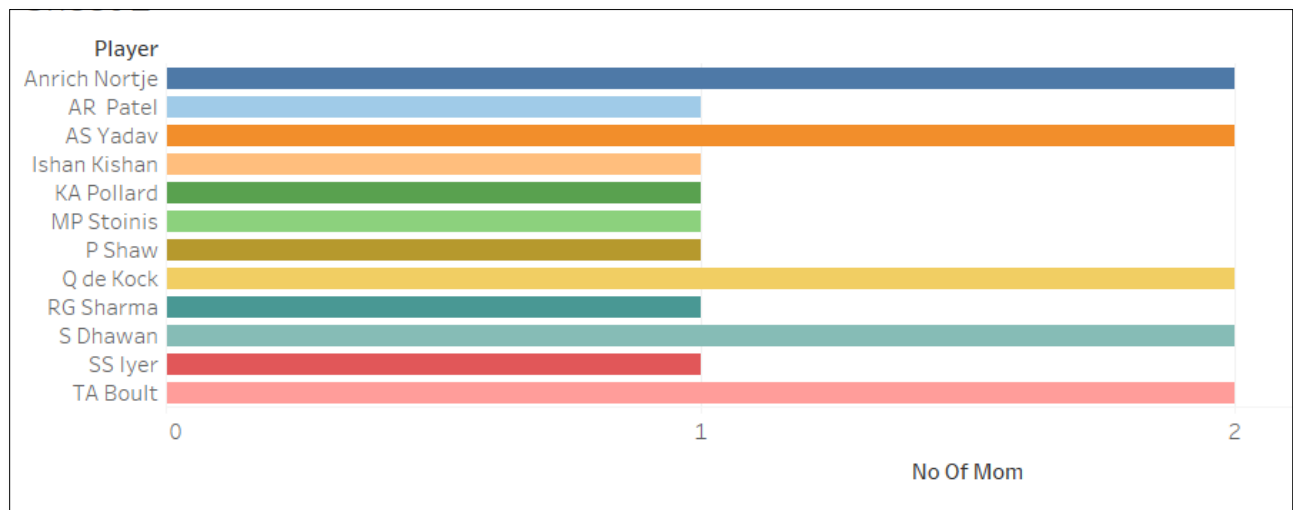
TOSS:-

- Which is not in our hand so 2 plan for that
 1. If MI bat 1st – MI batsman like to play without pressure specially Rohit and De Kock and make big score. From the graph DC does not good in chase and don't have much experience of high pressure game compare to MI.
 2. If MI field 1st – It is strength of MI and also bat 1st favorite for DC. MI won 5 out of 6 while field 1st and DC lost only 2 out of 8 while bat 1st but both 2 matches lost V/S MI.
(IF MI Won the Toss they likely to elect to bowl 1st due to 2. Point and due factor)

HEAD TO HEAD IN IPL 2020:-



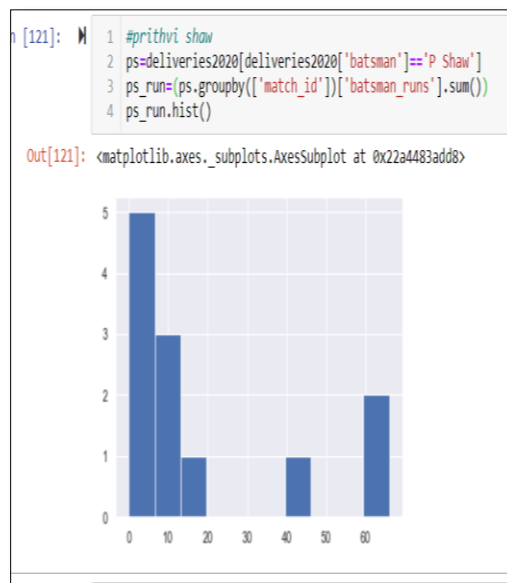
PLAYER OF THE MATCH:-



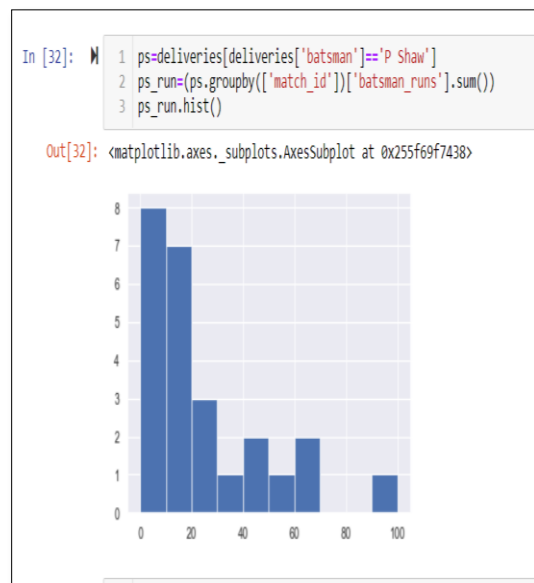
➤ OPENING Batsman of Delhi Capitals:-

❖ Prithvi Shaw-

IPL 2020



Before IPL 2020



In 2020, runs above 10 are only 4 times.

Before 2020, out of 25 matches only 10 time score above 20.

```

In [35]: 1 ps['dismissal_kind'].value_counts()

Out[35]: caught      7
         caught and bowled  2
         bowled      2
         stumped      1
         Name: dismissal_kind, dtype: int64

In [36]: 1 ps=ps.dropna(subset=['batsman','dismissal_kind'])
         2 ps_bowler.value_counts()

Out[36]: TA Boult      2
         J Archer      2
         Mohammed Siraj  2
         DL Chahar      1
         JDS Neesham     1
         Mohammed Shami  1
         KL Nagarkoti    1
         PP Chawla       1
         P Kumar         1
         Name: bowler, dtype: int64

```

```

[36]: 1 ps['dismissal_kind'].value_counts()

Out[36]: caught      17
         bowled      5
         lbw         1
         run out     1
         Name: dismissal_kind, dtype: int64

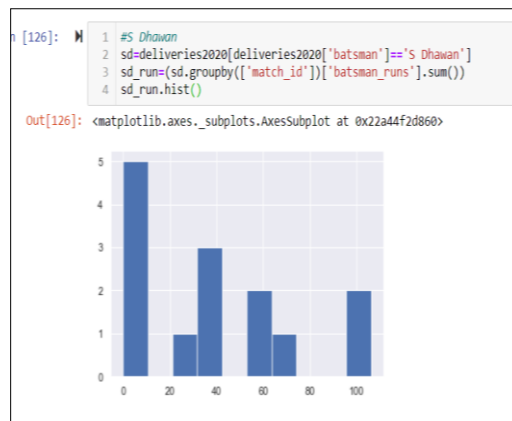
[37]: 1 ps=ps.dropna(subset=['batsman','dismissal_kind'])
         2 ps_bowler.value_counts()

Out[37]: DL Chahar      4
         K Ahmed       2
         S Gopal       2
         Sandeep Sharma  1
         RD Chahar     1
         B Kumar       1
         I Sodhi       1
         MJ McClenaghan 1
         Shakib Al Hasan 1
         L Ferguson    1
         KM Asif       1
         UT Yadav      1
         P Acharya     1

```

So maximum time His dismissal kind caught out.
 Struggling with short ball and length ball & left arm bowler.
 T boult take wicket both time in 2020.
 So For MI against P Shaw – T boult best option.

❖ Shikhar Dhawan-



```

In [130]: 1 sd['dismissal_kind'].value_counts()

Out[130]: caught      8
         bowled      1
         lbw         1
         run out     1
         Name: dismissal_kind, dtype: int64

In [131]: 1 sd=sd.dropna(subset=['batsman','dismissal_kind'])
         2 sd_bowler.value_counts()

Out[131]: TA Boult      1
         Sandeep Sharma  1
         S Gopal       1
         J Archer      1
         CV Varun      1
         Mohammed Shami 1
         Rashid Khan    1
         I Udana       1
         Shahbaz Ahmed  1
         PP Chawla      1
         PJ Cummins     1
         Name: bowler, dtype: int64

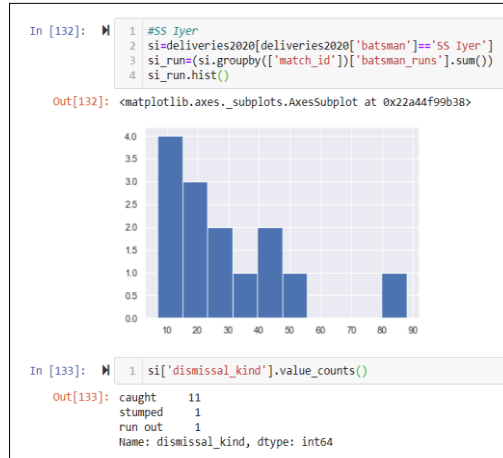
```

He is in good touch MI must try to out before 10 runs.
 He is struggling with off spinner.
 Maximum time caught out.
 T boult best option for get early out S Dhawan.

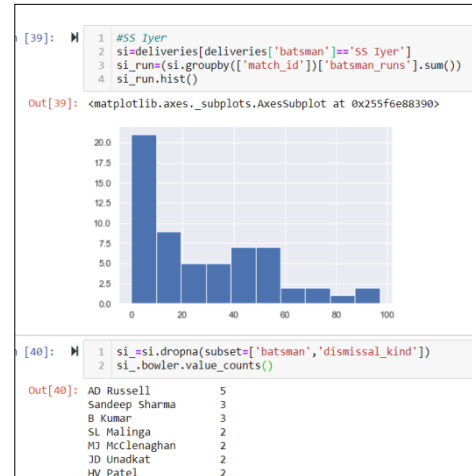
➤ MIDDEL ORDER BATSMAN-

❖ Shreyas Iyer

IPL 2020



BEFOR IPL 2020



MI restrict Shreyas Iyer before 20 runs. Not consistence this year.

Struggling with spinner. From 6 time out by spinner in this ipl. Looking for big short against spinner and maximum time caught out.

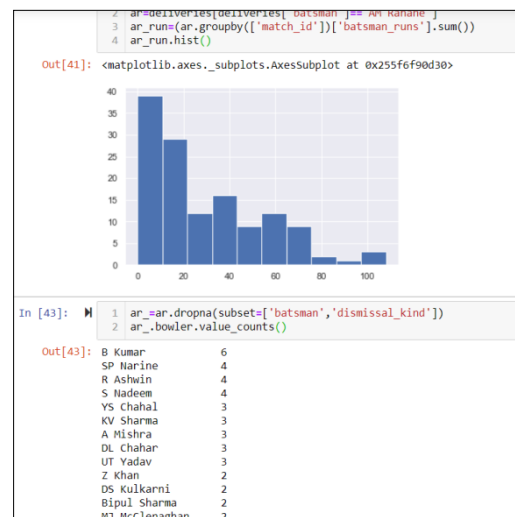
Rahul Chahar Best against Shreyas.

❖ Ajinkya Rahane-

IPL 2020

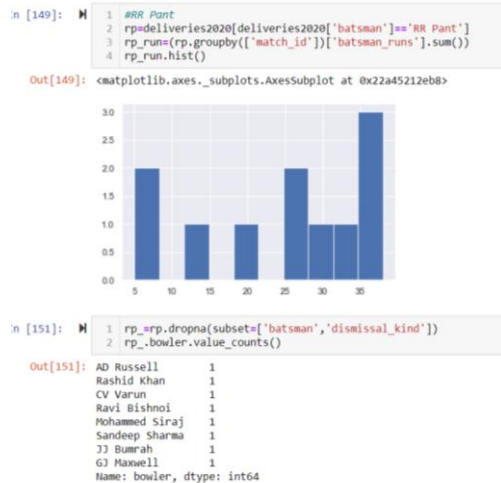


BEFORE IPL 2020



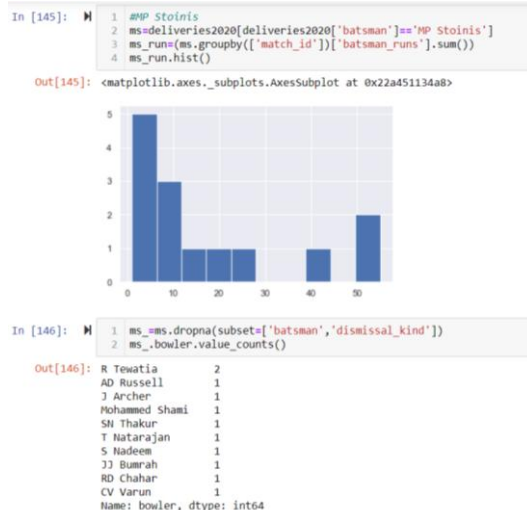
Struggling to convert in the big score so it's benefit for MI
Maximum time caught out. D kulkarni ,M McClenaghan maximum time
out from MI. R chahar good option.

❖ Rishabh Pant-



MI need to early out Rishabh pant highest strike rate in death
over since 2018 for DC. Try to out before 25 runs.
Bumrah best option with bouncer.

❖ Marcus Stoinis-



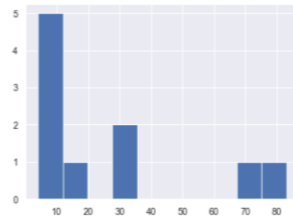
At death over Bumrah best option for MI.

➤ BATSMAN OF MUMBAI INDIANS-

❖ ROHIT SHARMA-

```
In [152]: 1 #RG sharma
2 s=deliveries2020[deliveries2020['batsman']=='RG Sharma']
3 s_run=s.groupby(['match_id'])['batsman_runs'].sum()
4 s_run.hist()
```

Out[152]: <matplotlib.axes._subplots.AxesSubplot at 0x22a45426550>



```
In [156]: 1 s=s.dropna(subset=['batsman','dismissal_kind'])
2 s_bowler.value_counts()
```

Out[156]:

Sandeep Sharma	2
Shivam Mavi	2
S Gopal	1
Washington Sundar	1
Mohammed Shami	1
SP Narine	1
Arshdeep Singh	1
PP Chawla	1
Ravi Bishnoi	1
AR Patel	1

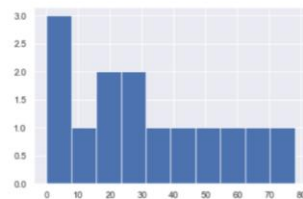
Name: bowler, dtype: int64

Rohit Sharma need to batting with care in the power play.
And AX patel and Nortje can early out Rohit. Rohit needs to more time spend on the pitch.

❖ Q de Kock-

```
In [157]: 1 #Q de Kock
2 de=deliveries2020[deliveries2020['batsman']=='Q de Kock']
3 de_run=de.groupby(['match_id'])['batsman_runs'].sum()
4 de_run.hist()
```

Out[157]: <matplotlib.axes._subplots.AxesSubplot at 0x22a4549edd8>



```
In [158]: 1 de_sde.dropna(subset=['batsman','dismissal_kind'])
2 de_bowler.value_counts()
```

Out[158]:

CJ Jordan	1
VS Chahal	1
J Archer	1
Sandeep Sharma	1
Mohammed Siraj	1
Anrich Nortje	1
S Curran	1
Kartik Tyagi	1
Rashid Khan	1
Mohammed Shami	1

He is in good touch. He needs to play safe in PP vs African bowler because they can spoil de kock party.

❖ UNCAP PLAYER I KISHAN & SKY-

Both backbone of MI middle order. They Just try drag MI into death over. Both batsmen are key player for MI.

❖ DEATH OVER SP. HARDIK & POLLY-

```
In [167]: 1 #HH PANDYA
2 hh=deliveries2020[deliveries2020['batsman']=='HH Pandya']
3 hh_run=hh['batsman_runs'].sum()
4 hh_ball=hh.shape[0]
5 hh_strike_rate=(hh_run/hh_ball)*100
6 hh_strike_rate

Out[167]: 160.8108108108108

In [168]: 1 de=hh.dropna(subset=['batsman','dismissal_kind'])
2 de_bowler.value_counts()

Out[168]: A Zampa      1
MP Stoinis      1
AD Russell      1
RA Jadeja      1
Mohammed Shami  1
S Kaul          1
CH Morris      1
Name: bowler, dtype: int64

In [169]: 1 #KA Pollard
2 kp=deliveries2020[deliveries2020['batsman']=='KA Pollard']
3 kp_run=kp['batsman_runs'].sum()
4 kp_ball=kp.shape[0]
5 kp_strike_rate=(kp_run/kp_ball)*100
6 kp_strike_rate

Out[169]: 179.4701986754967

In [170]: 1 de=kp.dropna(subset=['batsman','dismissal_kind'])
2 de_bowler.value_counts()

Out[170]: CJ Jordan      1
M Saini      1
S Gopal      1
```

Very good strike rate of both batsman.

Both batsman needs to play Bouncer with care.

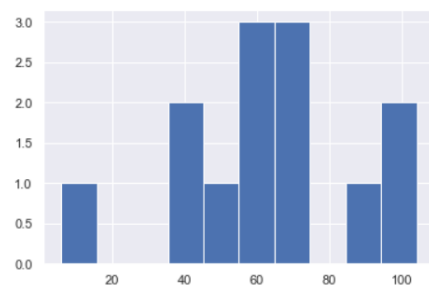
Rabada can spoil their party.

➤ DEATH OVER-

MI score in the death over in IPL 2020.

```
In [171]: 1 mi_d=deliveries2020[deliveries2020.batting_team=='MI']
2 mi_d=mi_d[mi_d['over']>14]
3 mi_d=mi_d.dropna(subset=['batsman','total_runs'])
4 (mi_d.groupby(by='match_id')['total_runs'].sum()).hist()

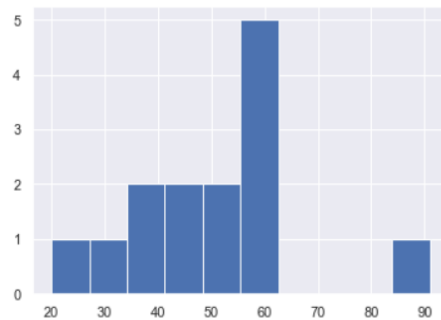
Out[171]: <matplotlib.axes._subplots.AxesSubplot at 0x22a45580358>
```



MI bowler needs to more good bowling in death over and control DC in 35-45 runs.

```
In [172]: 1 mi_d=deliveries2020[deliveries2020.bowling_team=='MI']
2 mi_d=mi_d[mi_d['over']>14]
3 mi_d=mi_d.dropna(subset=['batsman','total_runs'])
4 (mi_d.groupby(by='match_id')['total_runs'].sum()).hist()
```

Out[172]: <matplotlib.axes._subplots.AxesSubplot at 0x22a455f38d0>



MI key bowler Bumrah take 13 wickets in deathover.

```
n [186]: 1 mi_d=deliveries2020[deliveries2020.bowling_team=='MI']
2 mi_d=mi_d[mi_d['over']>14]
3 mi_b=mi_d.dropna(subset=['bowler','dismissal_kind'])
4 mi_b.bowler.value_counts()
```

Out[186]:

JJ Bumrah	13
TA Boult	7
JL Pattinson	4
RD Chahar	4
NM Coulter-Nile	2
KA Pollard	2
MK Pandey	2
Ishan Kishan	1

Name: bowler, dtype: int64

➤ POWERPLAY BOWLING TWINS-

BUMRAH and BOULT both take 21 wicket in pp in IPL 2020.

```
In [185]: 1 mi_d=deliveries2020[deliveries2020.bowling_team=='MI']
          2 mi_d=mi_d[mi_d['over']<7]
          3 mi_b=mi_d.dropna(subset=['bowler','dismissal_kind'])
          4 mi_b.bowler.value_counts()
```

```
Out[185]: TA Boult          12
          JJ Bumrah         7
          JL Pattinson      4
          MK Pandey         1
          Ishan Kishan      1
          NM Coulter-Nile   1
          Name: bowler, dtype: int64
```

❖ Bumrah need to be more economical against DC.

```
In [37]: 1 #bumrah ecomony vs dc
          2 jb=mi_dc[mi_dc['bowler']=='JJ Bumrah']
          3 jb_run=jb.total_runs.sum()
          4 jb_ball=jb.shape[0]
          5 jb_economy=(jb_run/jb_ball)*6
          6 jb_economy
```

```
Out[37]: 8.072289156626507
```