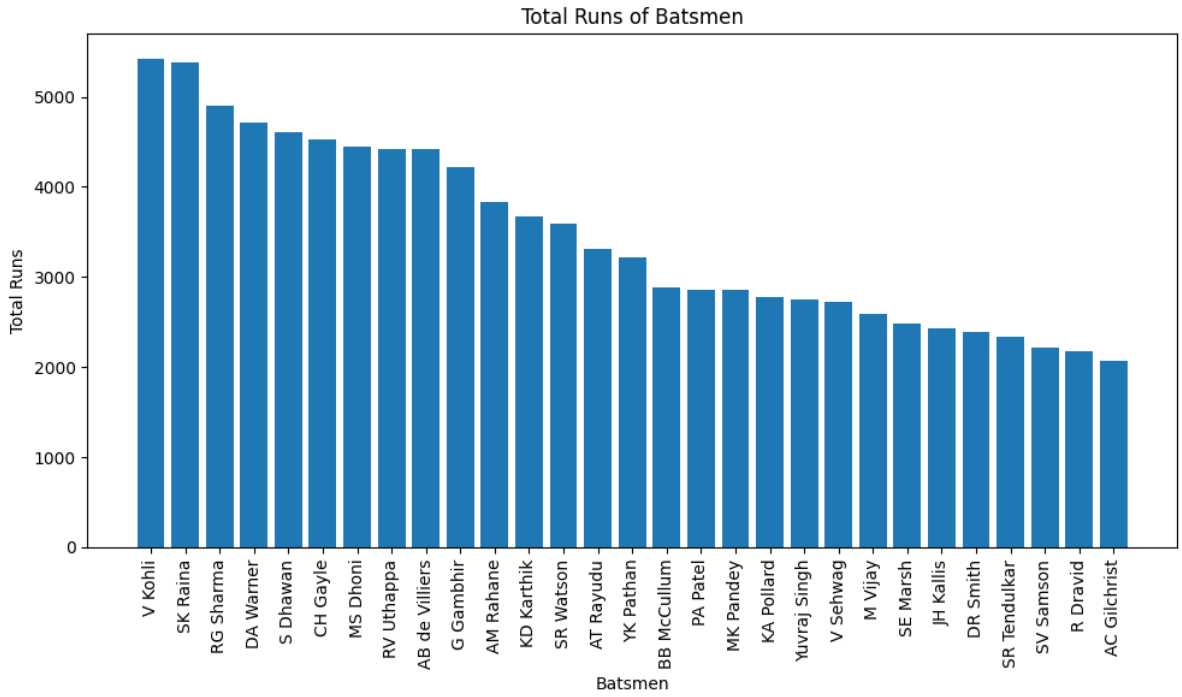
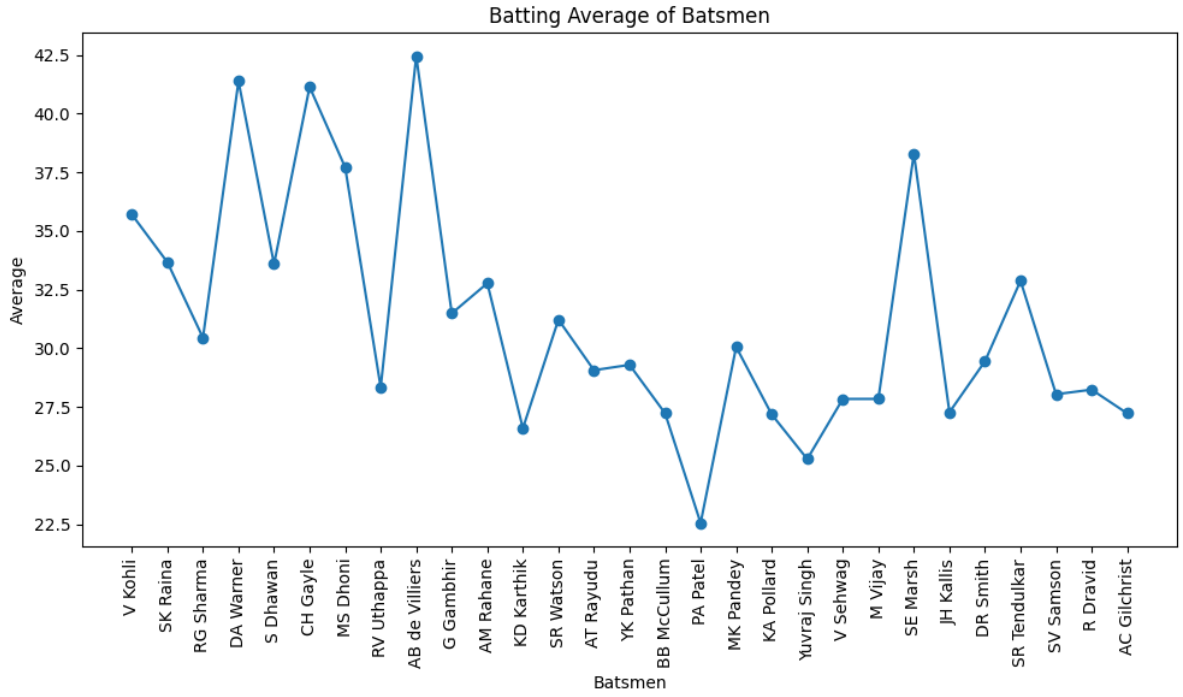
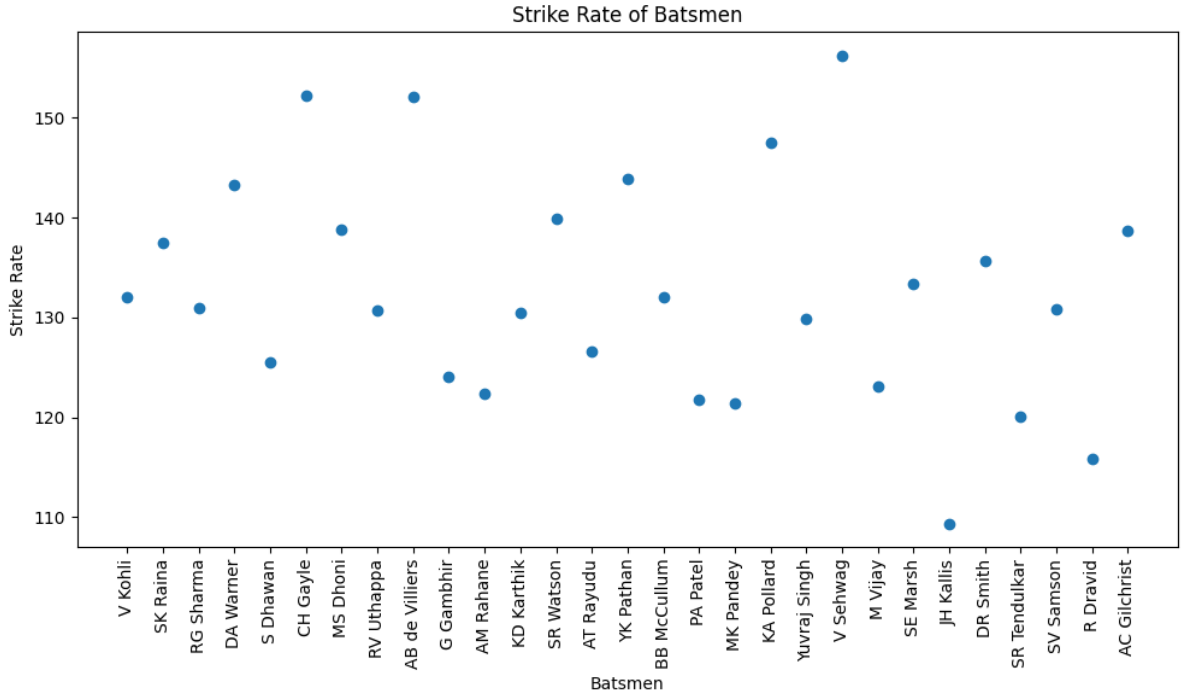
```python
import pandas as pd
import matplotlib.pyplot as plt

data = pd.read_csv('dataset6.csv')

# Extract the required columns
batsmen = data['batsman']
total_runs = data['total_runs']
average = data['average']
strike_rate = data['strikerate']

#Total Runs
plt.figure(figsize=(10, 6))
plt.bar(batsmen, total_runs)
plt.xticks(rotation=90)
plt.xlabel('Batsmen')
plt.ylabel('Total Runs')
plt.title('Total Runs of Batsmen')
plt.tight_layout()
plt.show()

#Average
plt.figure(figsize=(10, 6))
plt.plot(batsmen, average, marker='o')
plt.xticks(rotation=90)
plt.xlabel('Batsmen')
plt.ylabel('Average')
plt.title('Batting Average of Batsmen')
plt.tight_layout()
plt.show()

#Strike Rate
plt.figure(figsize=(10, 6))
plt.scatter(batsmen, strike_rate, marker='o')
plt.xticks(rotation=90)
plt.xlabel('Batsmen')
plt.ylabel('Strike Rate')
plt.title('Strike Rate of Batsmen')
plt.tight_layout()
plt.show()

#runs distribution
plt.figure(figsize=(8, 8))
plt.pie(total_runs, labels=batsmen, autopct='%1.1f%%')
plt.title('Total Runs Distribution')
plt.tight_layout()
plt.show()
```

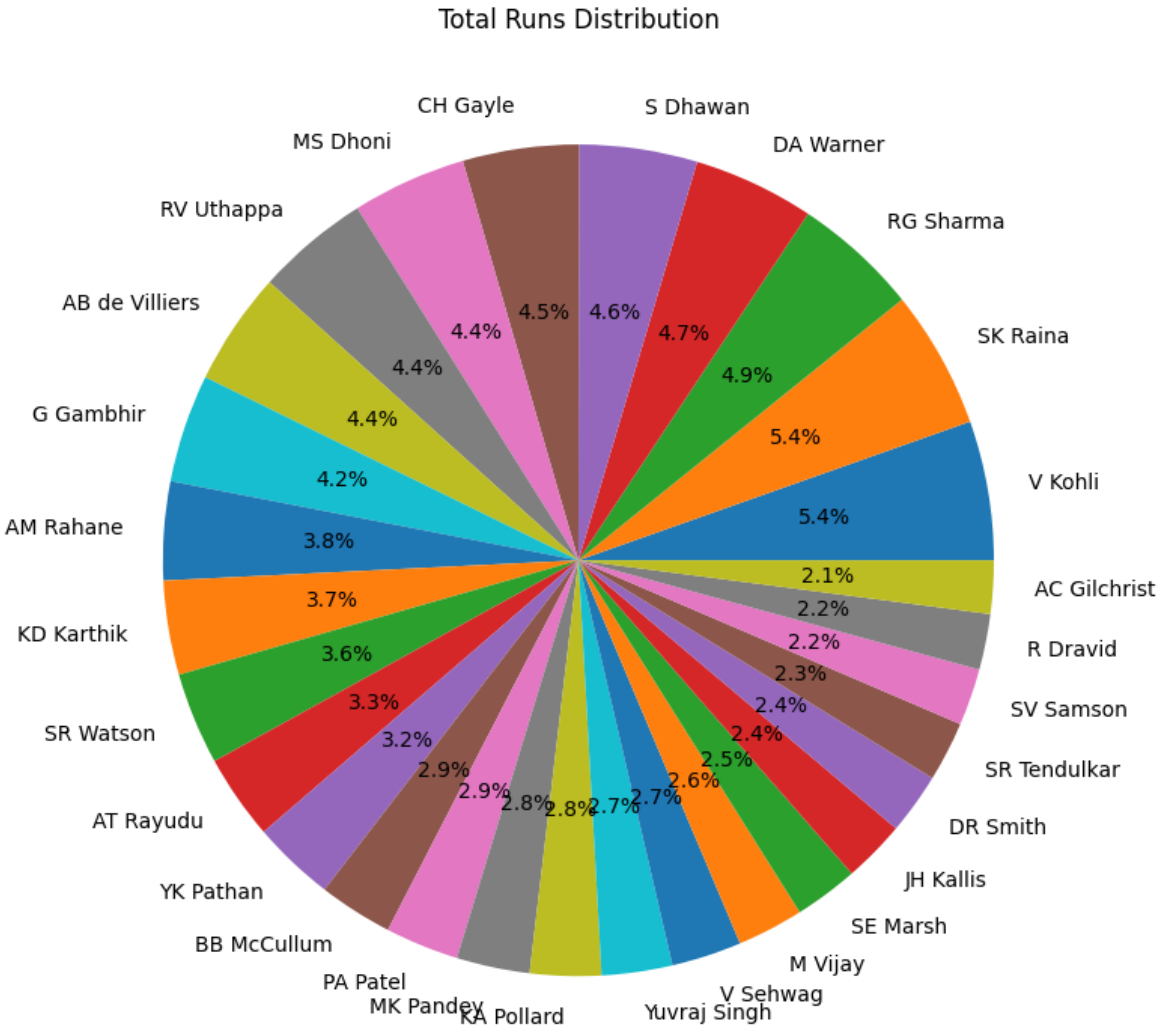
```
#batting average distribution
plt.figure(figsize=(10, 6))
plt.hist(average, bins=10, edgecolor='black')
plt.xlabel('Average')
plt.ylabel('Count')
plt.title('Distribution of Batting Average')
plt.tight_layout()
plt.show()

#top 5 with most runs
top5_runs = data.nlargest(5, 'total_runs')
plt.figure(figsize=(10, 6))
plt.bar(top5_runs['batsman'], top5_runs['total_runs'])
plt.xlabel('Batsmen')
plt.ylabel('Total Runs')
plt.title('Top 5 Batsmen with the Most Runs')
plt.tight_layout()
plt.show()
```

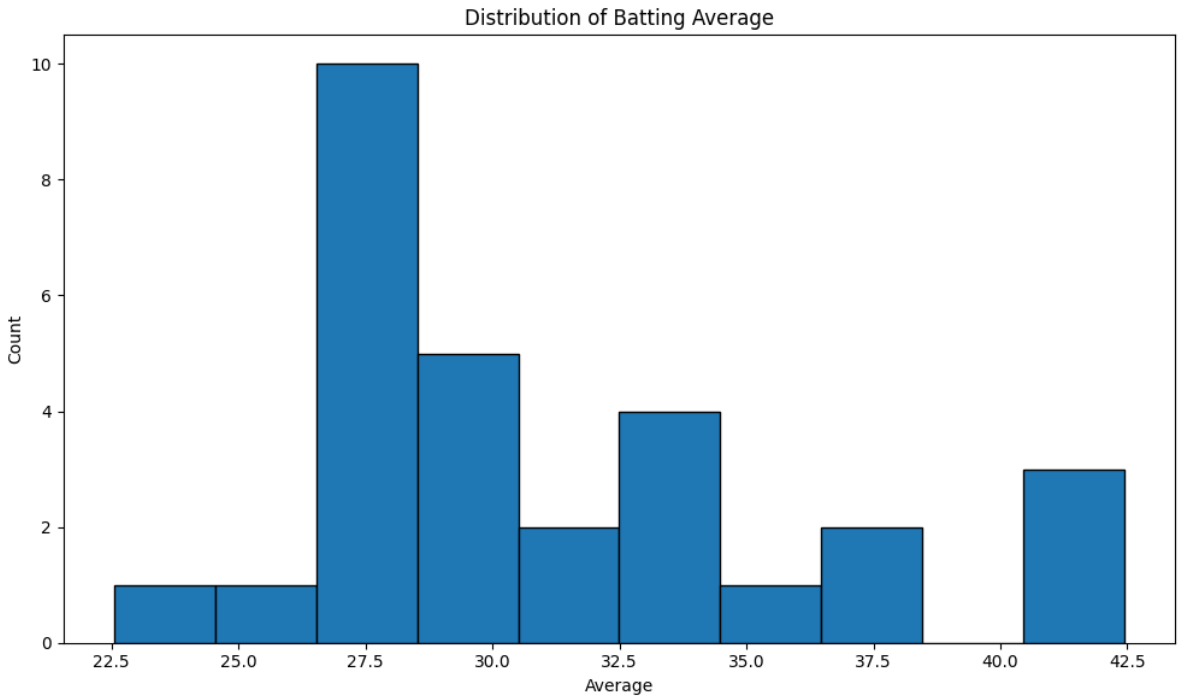
OUTPUT

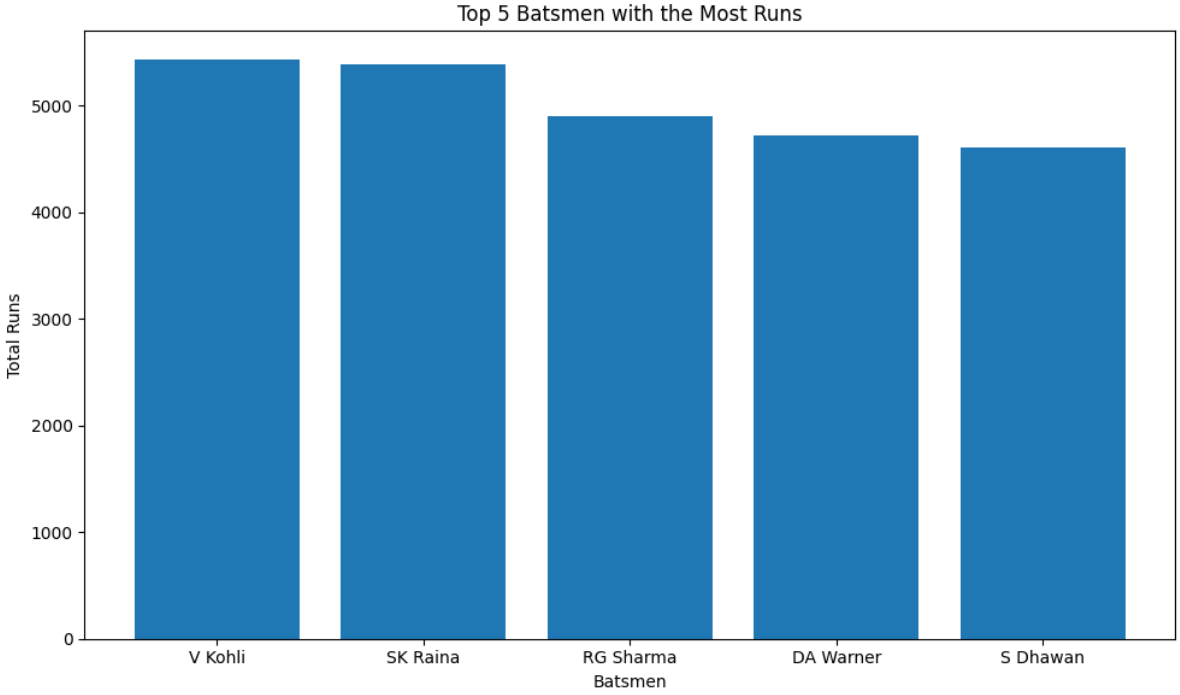



Batting Average of Batsmen
Average
42.5
40.0
37.5
35.0
32.5
30.0
27.5
25.0
22.5
V Kohli
SK Raina
RG Sharma
DA Warner
S Dhawan
CH Gayle
MS Dhoni
RV Uthappa
AB de Villiers
G Gambhir
AM Rahane
KD Karthik
SR Watson
AT Rayudu
YK Pathan
BB McCullum
PA Patel
MK Pandey
KA Pollard
Yuvraj Singh
V Sehwag
M Vijay
SE Marsh
JH Kallis
DR Smith
SR Tendulkar
SV Samson
R Dravid
AC Gilchrist
Batsmen


Strike Rate of Batsmen
Strike Rate
150
140
130
120
110
V Kohli
SK Raina
RG Sharma
DA Warner
S Dhawan
CH Gayle
MS Dhoni
RV Uthappa
AB de Villiers
G Gambhir
AM Rahane
KD Karthik
SR Watson
AT Rayudu
YK Pathan
BB McCullum
PA Patel
MK Pandey
KA Pollard
Yuvraj Singh
V Sehwag
M Vijay
SE Marsh
JH Kallis
DR Smith
SR Tendulkar
SV Samson
R Dravid
AC Gilchrist
Batsmen


Total Runs Distribution
CH Gayle
S Dhawan
MS Dhoni
DA Warner
RV Uthappa
RG Sharma
AB de Villiers
SK Raina
G Gambhir
V Kohli
AM Rahane
AC Gilchrist
KD Karthik
R Dravid
SV Samson
SR Watson
SR Tendulkar
AT Rayudu
DR Smith
YK Pathan
JH Kallis
BB McCullum
SE Marsh
PA Patel
M Vijay
MK Pandey
V Sehwag
KA Pollard
Yuvraj Singh
4.6%
4.7%
4.9%
5.4%
5.4%
2.1%
2.2%
2.2%
2.3%
2.4%
2.4%
2.5%
2.6%
2.7%
2.8%
2.8%
2.9%
2.9%
3.2%
3.3%
3.6%
3.7%
3.8%
4.2%
4.4%
4.4%
4.4%
4.5%


Distribution of Batting Average
Count
Average
0
2
4
6
8
10
22.5
25.0
27.5
30.0
32.5
35.0
37.5
40.0
42.5


Top 5 Batsmen with the Most Runs
Total Runs
Batsmen
0
1000
2000
3000
4000
5000
V Kohli
SK Raina
RG Sharma
DA Warner
S Dhawan