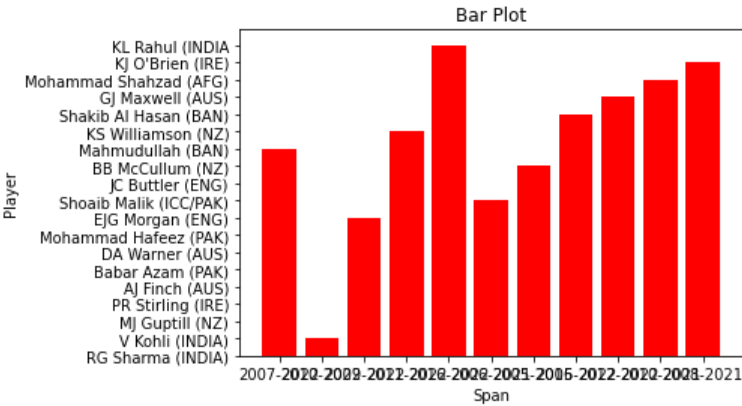


```
import pandas as pd
data = pd.read_csv("/content/cricket.csv")
```

```
import matplotlib.pyplot as plt
```

Bar Chart

```
x=data.Span
y=data.Player
plt.bar(x,y,color="red")
plt.xlabel("Span")
plt.ylabel("Player")
plt.title("Bar Plot")
plt.show()
```



Line Chart

```
import matplotlib.pyplot as plt
x = data.Mat
y = data.Player
plt.plot(x,y,'-s',color='r')
plt.title("Line Chart")
plt.ylabel("Player")
plt.xticks(rotation='vertical')
plt.xlabel("Mat")
plt.show()
```

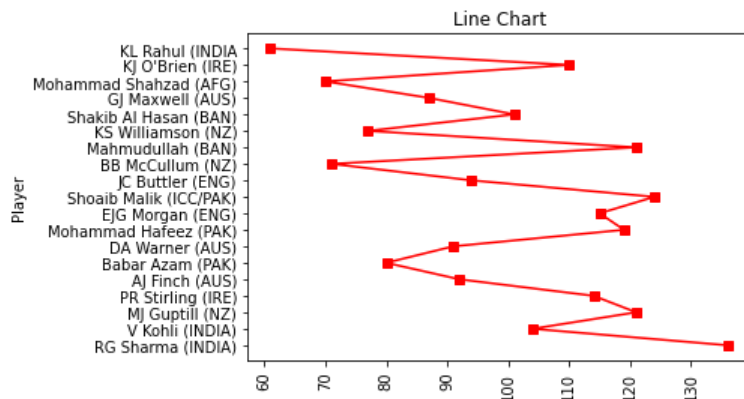
1 to 10 of 19 entries 

Filter

Player	Span	Mat	Inns	NO	R
RG Sharma (INDIA)	2007-2022	136	128	16	36
V Kohli (INDIA)	2010-2022	104	96	27	35
MJ Guptill (NZ)	2009-2022	121	117	7	34
PR Stirling (IRE)	2009-2022	114	113	8	30
AJ Finch (AUS)	2011-2022	92	92	11	28
Babar Azam (PAK)	2016-2022	80	75	10	27
DA Warner (AUS)	2009-2022	91	91	11	26
Mohammad Hafeez (PAK)	2006-2021	119	108	13	25
EJG Morgan (ENG)	2009-2022	115	107	21	24
Shoaib Malik (ICC/PAK)	2006-2021	124	111	33	24

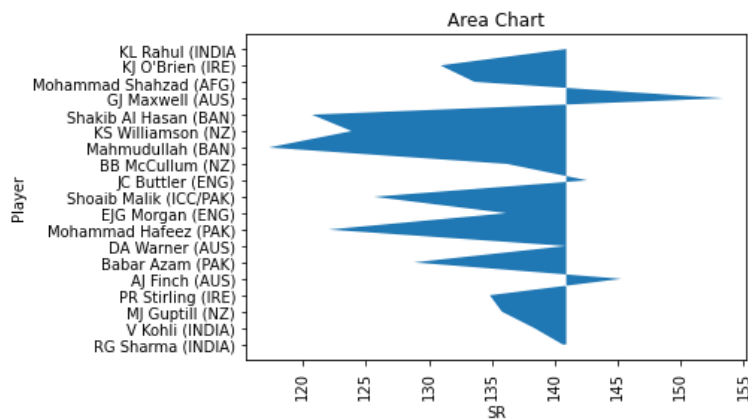
Show 10 per page

12



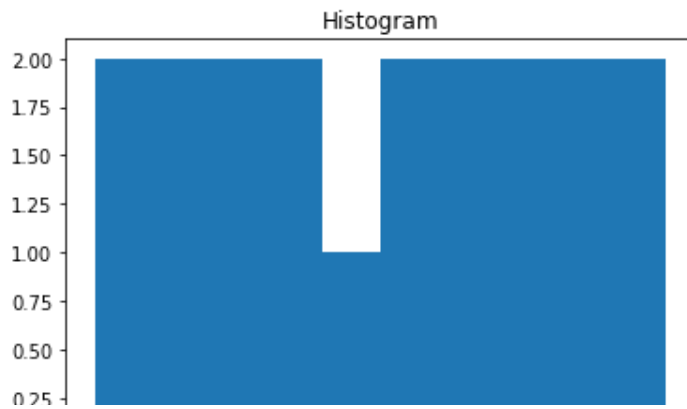
## Area Chart

```
import matplotlib.pyplot as plt
x = data.SR
y = data.Player
plt.fill_between(x,y)
plt.title("Area Chart")
plt.ylabel("Player")
plt.xticks(rotation='vertical')
plt.xlabel("SR")
plt.show()
```



## Histogram

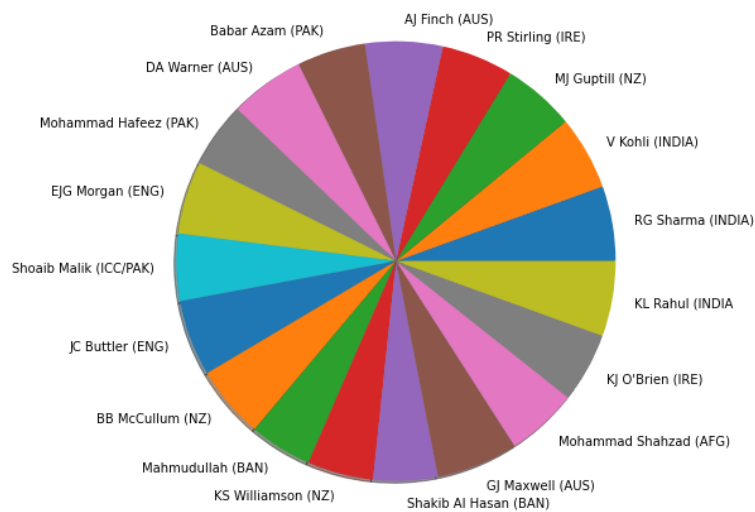
```
import matplotlib.pyplot as plt
x = data.Player
plt.hist(x)
plt.title('Histogram')
plt.show()
```



Box Plot

Pie Chart

```
import matplotlib.pyplot as plt
x = data.SR
plt.pie(x, labels = data.Player, radius = 2, shadow = 'True')
plt.show()
```



Cut Pie

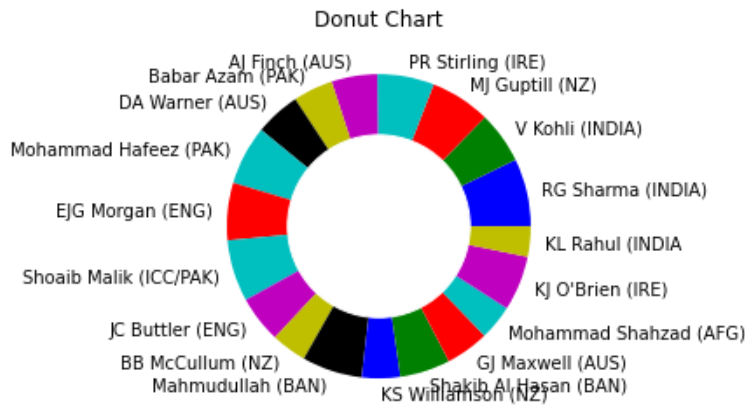
Donut Chart

```
import matplotlib.pyplot as plt
x = data.Player
y = data.Mat
```

```

my_circle = plt.Circle(
(0,0), 0.6,
color='white')
plt.pie(y, labels=x,
colors=['b','g','r','c','m','y','k','c','r','c','m','y']
plt.title("Donut Chart")
p = plt.gcf()
p.gca().add_artist(my_circle)
plt.show()

```

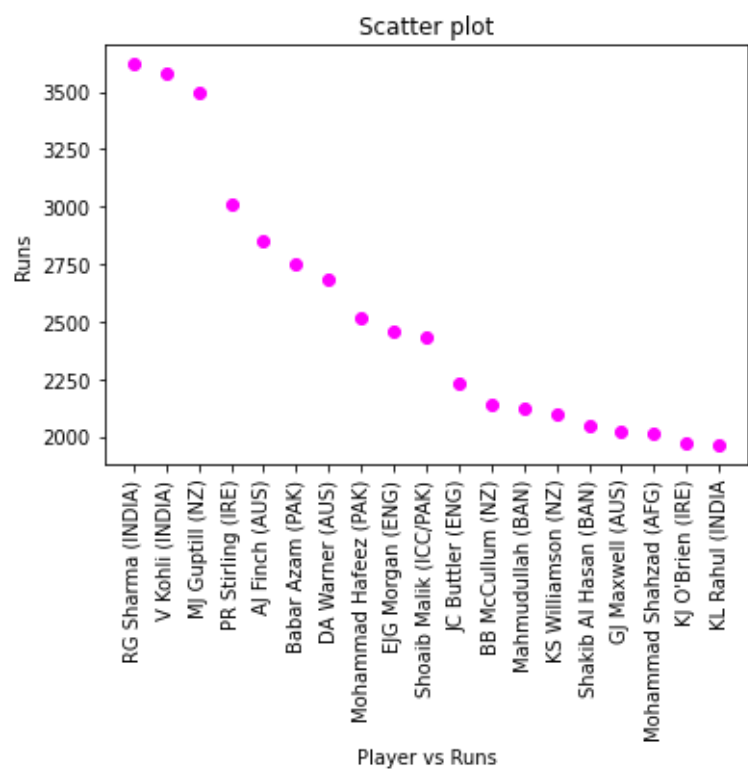


## Scatter

```

import matplotlib.pyplot as plt
x = data.Player
y = data.Runs
plt.scatter(x,y,color='magenta')
plt.title("Scatter plot")
plt.ylabel("Runs")
plt.xticks(rotation='vertical')
plt.xlabel("Player vs Runs")
plt.show()

```



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