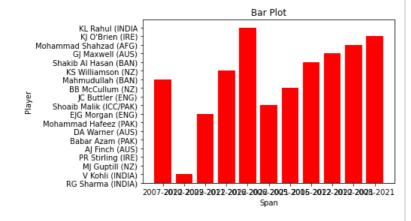
import pandas as pd
data = pd.read_csv("/content/cricket.csv")

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()
```

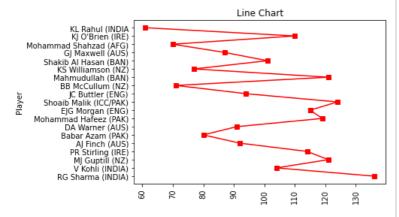


Line Chart

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()

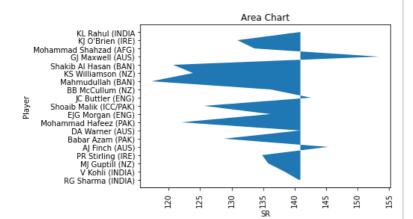
cricket.csv	×	•••

1 to 10	of 19 entries		Filter \Box		
Player	Span	Mat	Inns	NO	R
RG Sharma (INDIA)	2007- 2022	136	128	16	3
V Kohli (INDIA)	2010- 2022	104	96	27	3
MJ Guptill (NZ)	2009- 2022	121	117	7	3
PR Stirling (IRE)	2009-L 2022	oadin 114	g	8	3
AJ Finch (AUS)	2011- 2022	92	92	11	2
Babar Azam (PAK)	2016- 2022	80	75	10	2
DA Warner (AUS)	2009- 2022	91	91	11	2
Mohammad Hafeez (PAK)	2006- 2021	119	108	13	2
EJG Morgan (ENG)	2009- 2022	115	107	21	2
Shoaib Malik (ICC/PAK)	2006- 2021	124	111	33	24
					•



Area Chart

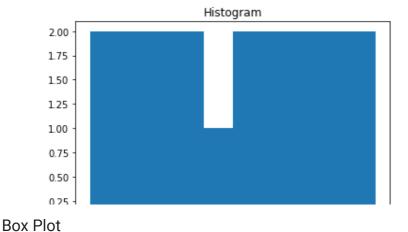
import matplotlib.pyplot as plt
x = data.SR
y = data.Player
plt.fill_between(x,y)
plt.title("Area Chart")
plt.ylabel("Player")
plt.xticks(rotation='vertical')
plt.xlabel("SR")
plt.show()



Histogram

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

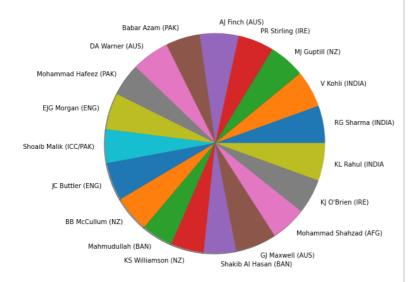
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Pie Chart

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

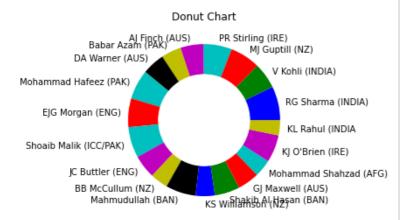


Cut Pie

Donut Chart

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

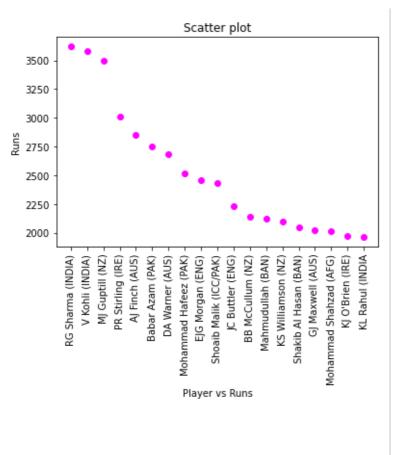
```
my_circle = plt.Circle(
(0,0), 0.6,
color='white')
plt.pie(y, labels=x,
colors=['b','g','r','c','m','y','k','c','r','c','m','y']
plt.title("Donut Chart")
p = plt.gcf()
p.gca().add_artist(my_circle)
plt.show()
```



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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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