443- Samruddhi Neharkar

445- Om Raghuwanshi

450 – Om Pawar

461 – Paras Singh

```python
from google. colab import files
uploaded = files . upload()
```

Choose Files | No file chosen Upload widget is only available when the cell has been executed in the current browser session. Please rerun this cell to enable.

Caving t20-world-cup-22.csv to t20-world-cup-22.csv

```python
import pandas as pd import
plotly.express as PX import
plotly.graph_objects as go import
plotly. io as pio pio. templates . default
"plotly_white"
data    pd . read_csv( "t2Ø-wor1d-cup-22. csv" )
print (data. head())
```

	venue	teaml	team2	stage	toss winner
	SCG	New Zealand	Australia	Super 12	Australia
1	Optus Stadium	Afghanistan	England	Super 12	England
2	Blundstone Arena	Ireland	Sri lanka	Super 12	Ireland
3	MCG	Pakistan	India	Super 12	India
4	Blundstone Arena	Bangladesh	Netherlands	Super 12	Netherlands

	toss decision	first innings score	first innings wickets \
	Field	200. o	3.0 1 Field 112.0
	le.e		
2	Bat	128.0	8.0
3	Field	159.0	8.0
4	Field	144. 0	8.0

	second innings score	second innings wickets	winner	won by \
	111.0		10.0 New Zealand	Runs
1	113.0	5.0	England	Wickets
2	133.0	I.e	Sri lanka	Wickets
3	160.0	6.0	India	Wickets
4	135.0	10.0	Bangladesh	Runs

	player of the match	top scorer	highest score	best bowler Devon
	Conway	Devon Conway	92.0	Tim Southee
1	Sam Curran	Ibrahim Zadran	32.0	Sam Curran
2	Kusal Mendis	Kusal Mendis	68.	Maheesh Theekshana
3	Virat Kohl i	Virat Kohl i	82.0	Hardik Pandya 4 Taskin Ahmed Colin
	Ackermann	62.0	Taskin Ahmed	

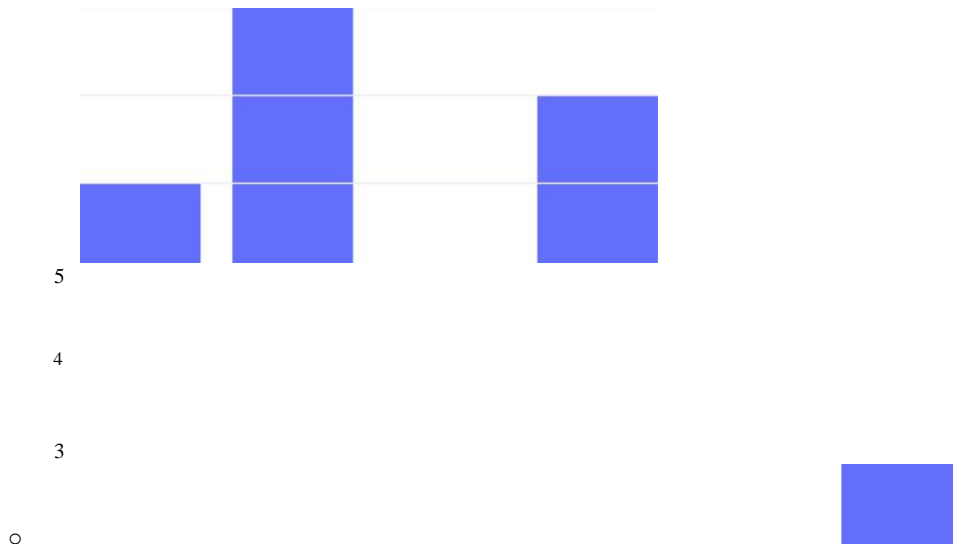|	best bowling figure
	3-6
1	5-10
2	2-19
3	3-30

4   4-25

figure PX. bar(data, x=data ["winner"] ,title="Number of Matches Won by teams in t
20 World Cup 2022") figure . show()
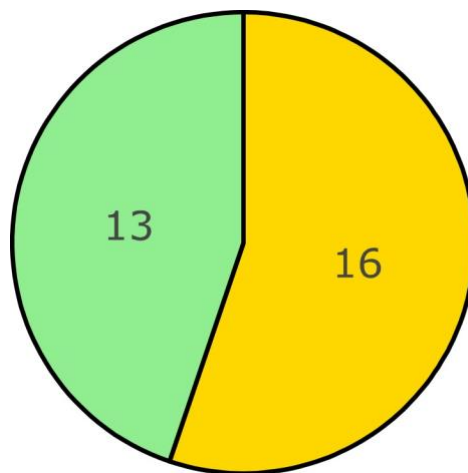
Number of Matches Won by teams in t20 World Cup 2022

won_   by   datal   "won   by"]   .
value_counts() label = won _ by.
index counts = won_by.values colors
[' gold ' , ' lightgreen ']

fig   go. `igure(data=[go.Pie(labels=label,` values=counts)]) fig.
update_layout(title_text= 'Number of Matches Won By Runs Or Wickets) fig.
update_traces (hoverinfo= ' label+percent ' , textinfo= 'value' , textfont size=30,
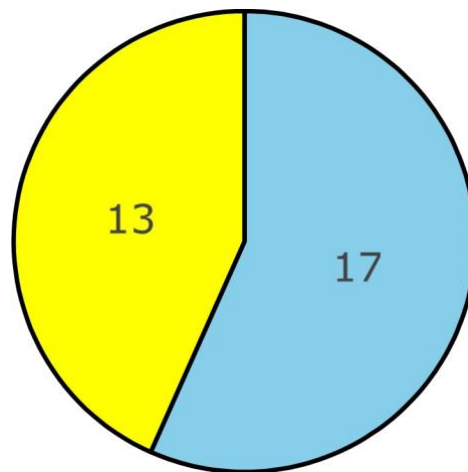marker=dict(colors=colors, `line=dict(color=`' black' , width=3))) fig. show()

Number of Matches Won By Runs Or Wickets

toss datal "toss decision"] . `value_counts()`
label - toss. index counts - toss. values
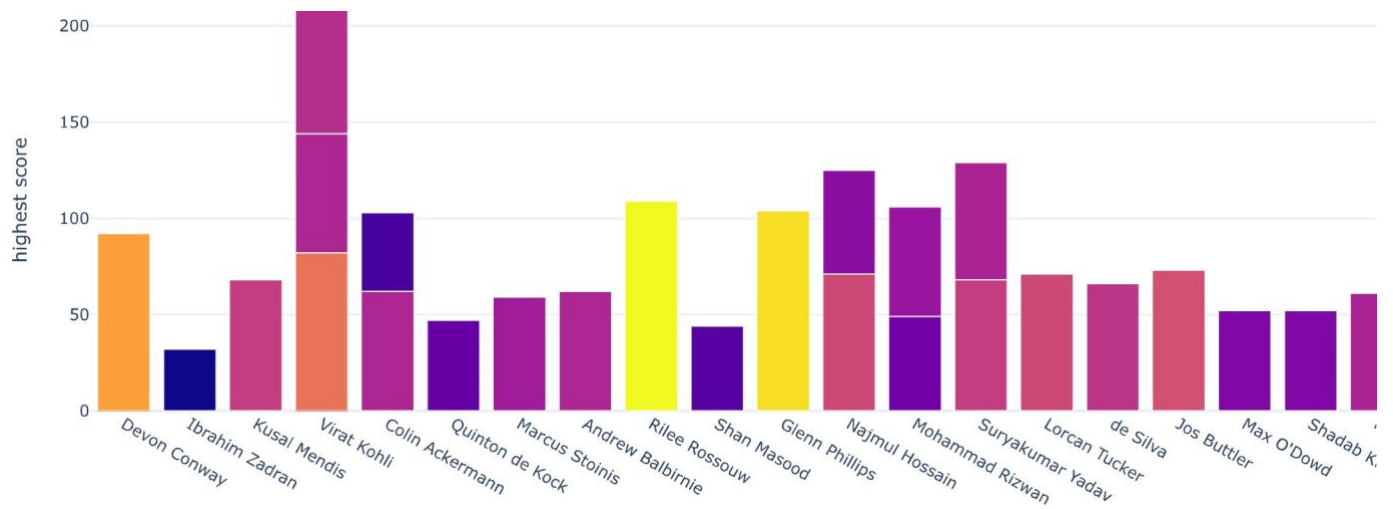colors skyblue' , 'yellow']

fig   go. Figure(data=[go.Pie(1abe1s=1abe1, values=counts)]) fig.
`update_layout(title_text=` 'Toss Decisions in t 20 World Cup 2022') fig.
update_traces (hoverinfo= ' label+percent ' , textinfo= 'value' , textfont size=3Ø,
marker=dict(colors=colors, `line=dict(color=`'black' , width=3))) fig. show()

Toss Decisions in t20 World Cup 2022

figure = px.bar(data,
              `=data`["top scorer"] , y = datal "highest
score"], color datal "highest score"] , title="Top Scorers
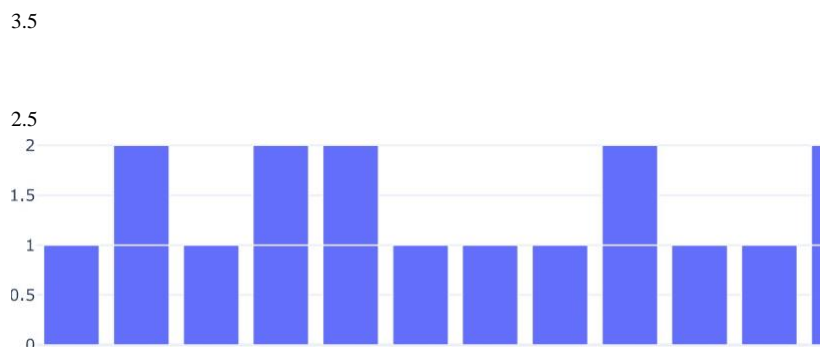in t 20 World Cup 2022") figure . show()
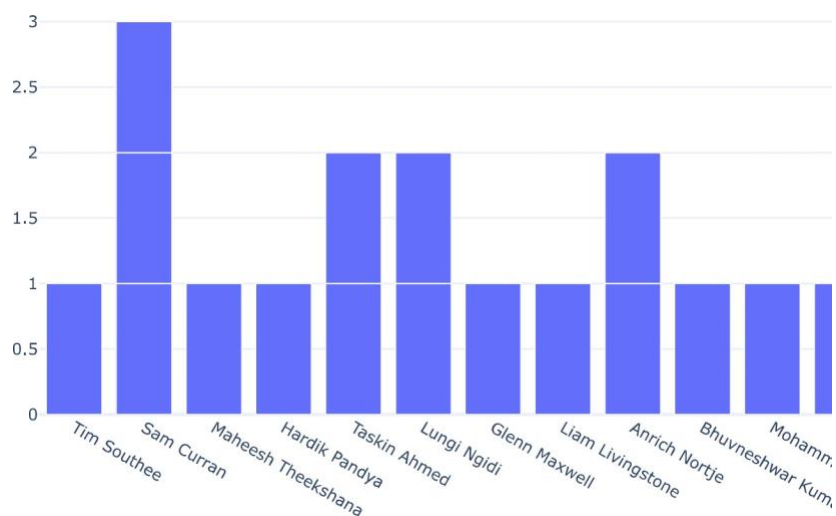
Top Scorers in t20 World Cup 2022

top scorer

figure = PX. bar(data, x =datal "player of the match"], title="P1ayer of the Match Awards in t 20 World Cup 2022") figure . show()

Player of the Match Awards in t20 World Cup 2022

figure   PX. bar(data,

=data["best bowler"] , title="Best Bowlers in t 20 World Cup 2022") figure . show()

Best Bowlers in t20 World cup 2022 ○

fig go. Figure() fig. add _trace (go. Bar(x=data ["venue"] , y=data["first innings score"], name=' First Innings Runs ' ،marker color= ' blue [1]

fig. add _trace (go. Bar(x=data ["venue "] , y=data["second innings score"], name='Second Innings Runs' , marker color= ' red [1]

fig. update_ layout (barmode= ' group ' ،

xaxis_tickang1e=-45, title="Best Stadiums to
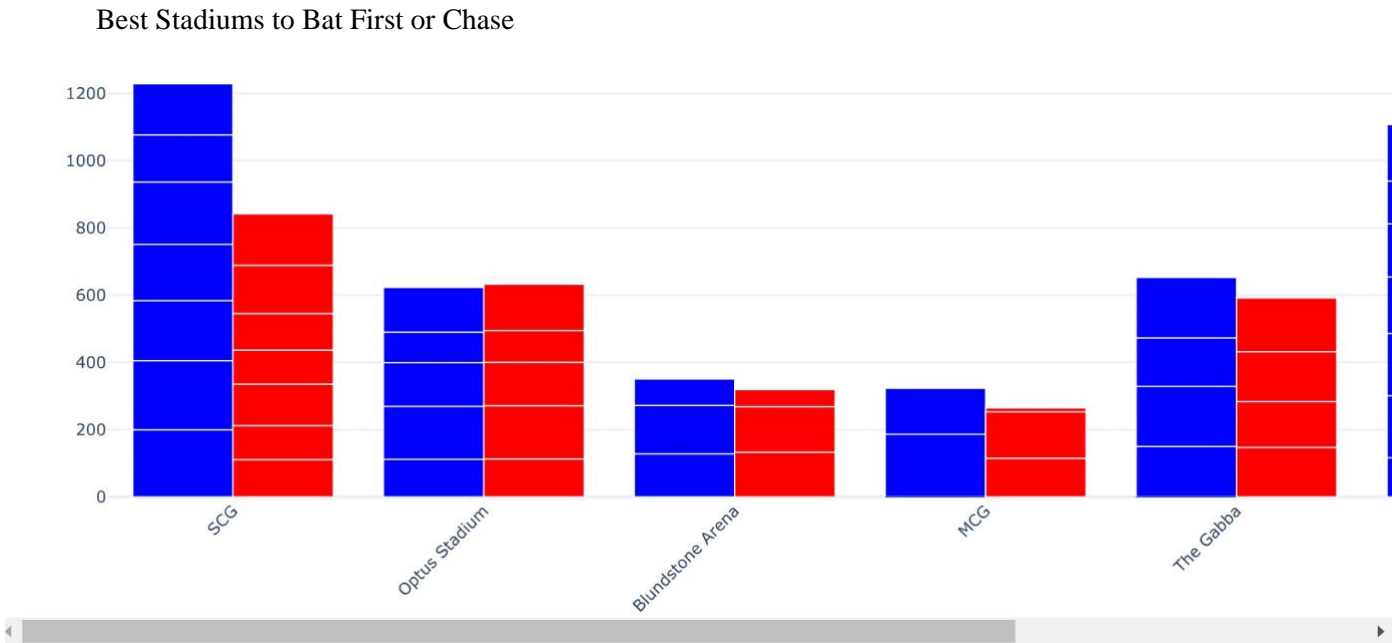Bat First or Chase") fig. show()

Best Stadiums to Bat First or Chase

fig go. Figure() fig. add _trace (go.
Bar(x=data ["venue "] , y=data["first
innings wickets"] , name=' First
Innings Wickets ' ,marker color= '
blue [1]

fig. add _trace (go. Bar(x=data [
    "venue] , y=data["second innings
    wickets"] , name='Second Innings
    Wickets ' ,marker color= ' red '

fig. update_ layout (barmode= ' group ' ,xaxis_tickang1e=-45,
title="Best Statiums to Bowl First or Defend") fig. show()

Best Statiums to Bowl First or Defend

Colab paid products - Cancel contracts here v' Os completed at 3:46 PM

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