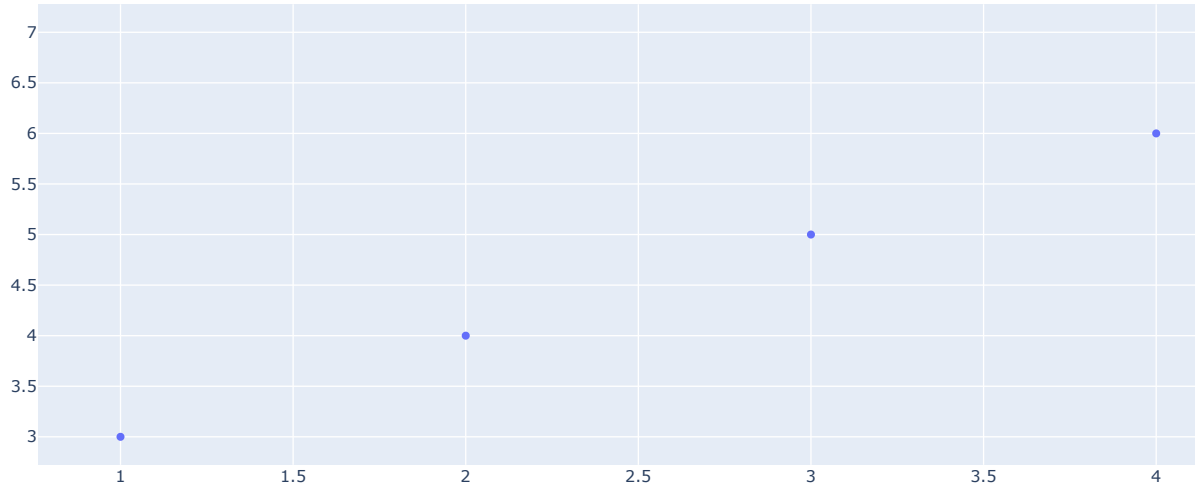
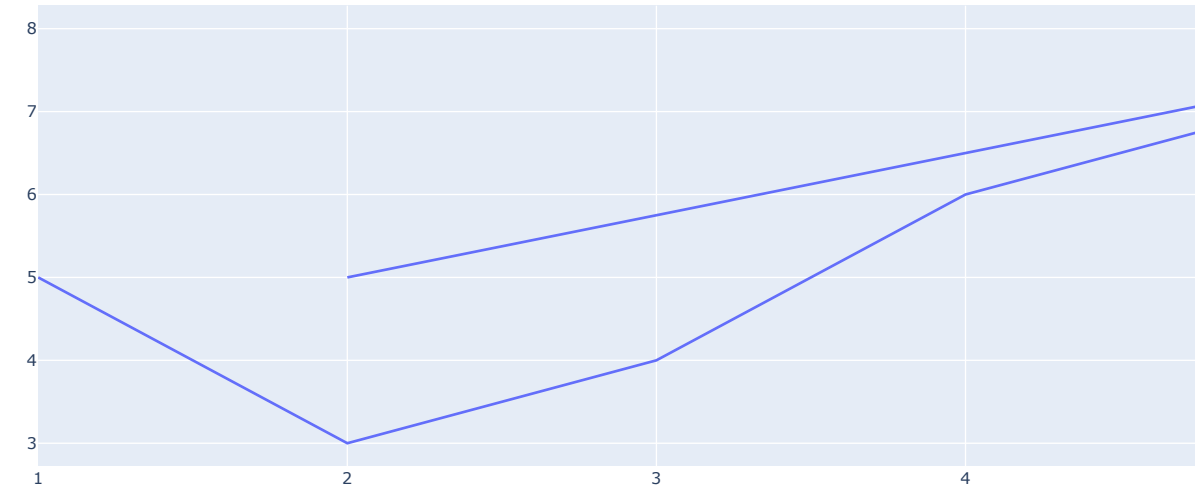
```
import plotly.graph_objects as go
#The line of code you provided imports the graph_objects module from the plotly library and gives it the alias go.
#Plotly is a Python graphing library that enables users to create interactive plots and visualizations in Python. The graph_objects modul
#By importing graph_objects as go, you can use the classes and methods from the plotly.graph_objects module by prefixing them with go. Fo
```

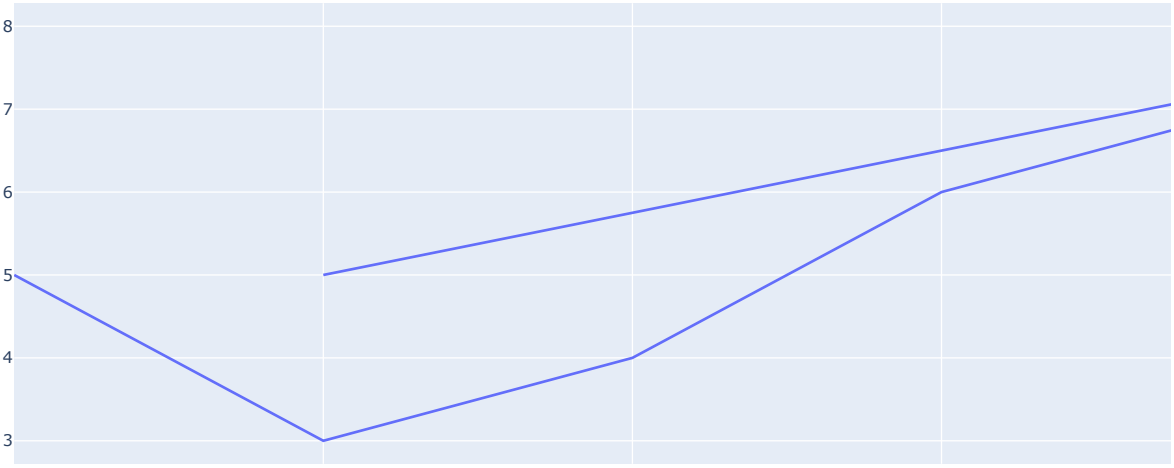
```
fig=go.Figure()
fig.add_trace(go.Scatter(x=[1,2,3,4,5,3],y=[3,4,5,6,7],mode='markers'))
#The code you provided creates a new Figure object using the go.Figure() constructor and assigns it to the variable fig. It then adds a r
```




```
fig=go.Figure()
fig.add_trace(go.Scatter(x=[1,2,3,4,5,6,2],y=[5,3,4,6,7,8,5],mode='lines'))
```




```
import seaborn as sns
tips=sns.load_dataset('tips')
fig=go.Figure()
fig.add_trace(go.Scatter(x=[1,2,3,4,5,6,2],y=[5,3,4,6,7,8,5],mode='lines'))
```

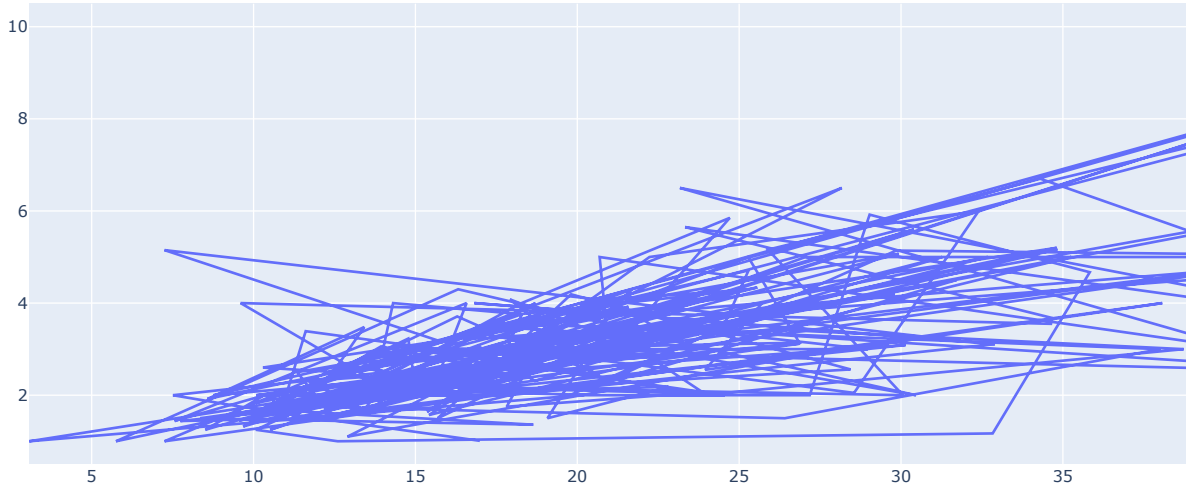



```
tips
```

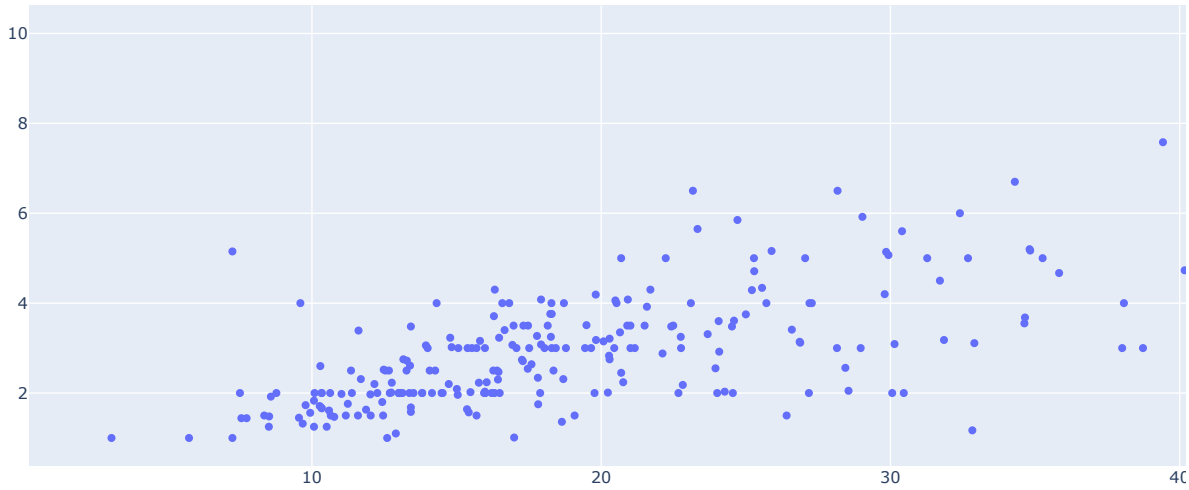
	total_bill	tip	sex	smoker	day	time	size
0	16.99	1.01	Female	No	Sun	Dinner	2
1	10.34	1.66	Male	No	Sun	Dinner	3
2	21.01	3.50	Male	No	Sun	Dinner	3
3	23.68	3.31	Male	No	Sun	Dinner	2
4	24.59	3.61	Female	No	Sun	Dinner	4
...	...	...	...	...	...	...	...
239	29.03	5.92	Male	No	Sat	Dinner	3
240	27.18	2.00	Female	Yes	Sat	Dinner	2
241	22.67	2.00	Male	Yes	Sat	Dinner	2
242	17.82	1.75	Male	No	Sat	Dinner	2
243	18.78	3.00	Female	No	Thur	Dinner	2

244 rows × 7 columns

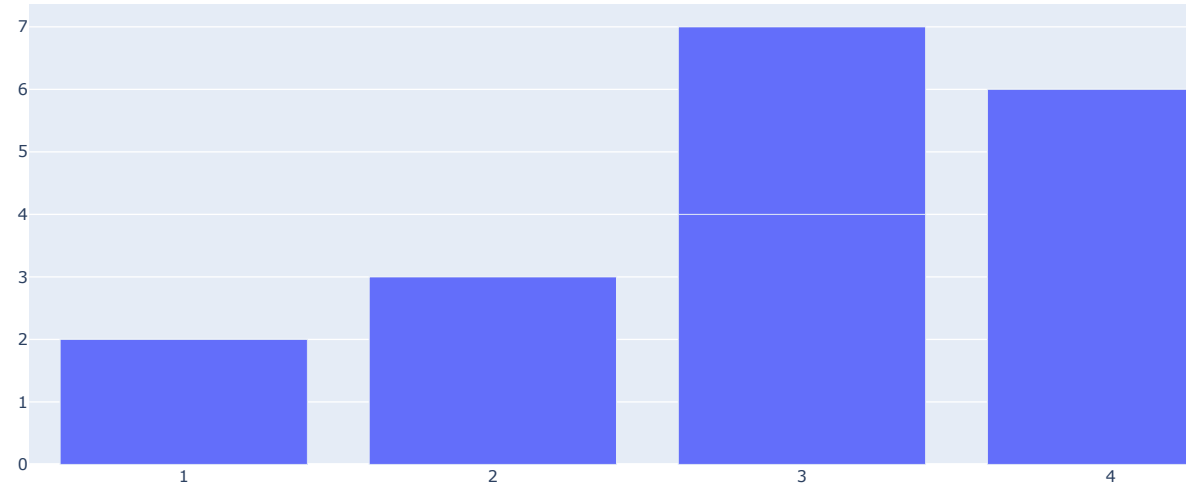
```
import seaborn as sns
tips=sns.load_dataset('tips')
fig=go.Figure()
fig.add_trace(go.Scatter(x=tips.total_bill,y=tips.tip,mode='lines'))
```



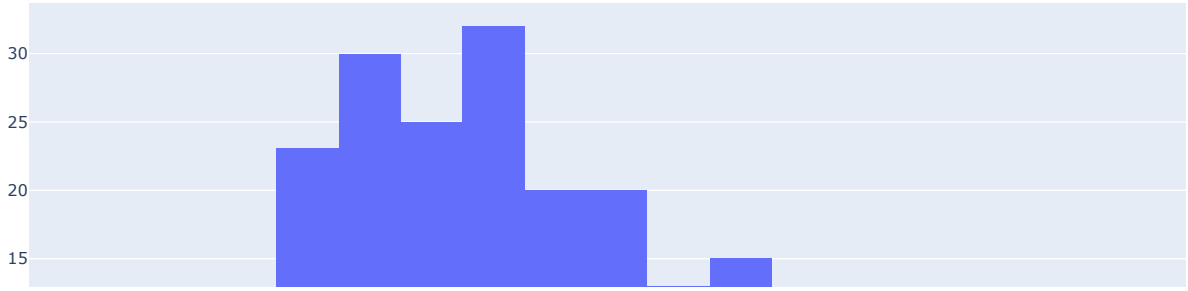
```
import seaborn as sns
tips=sns.load_dataset('tips')
fig=go.Figure()
fig.add_trace(go.Scatter(x=tips.total_bill,y=tips.tip,mode='markers'))
```



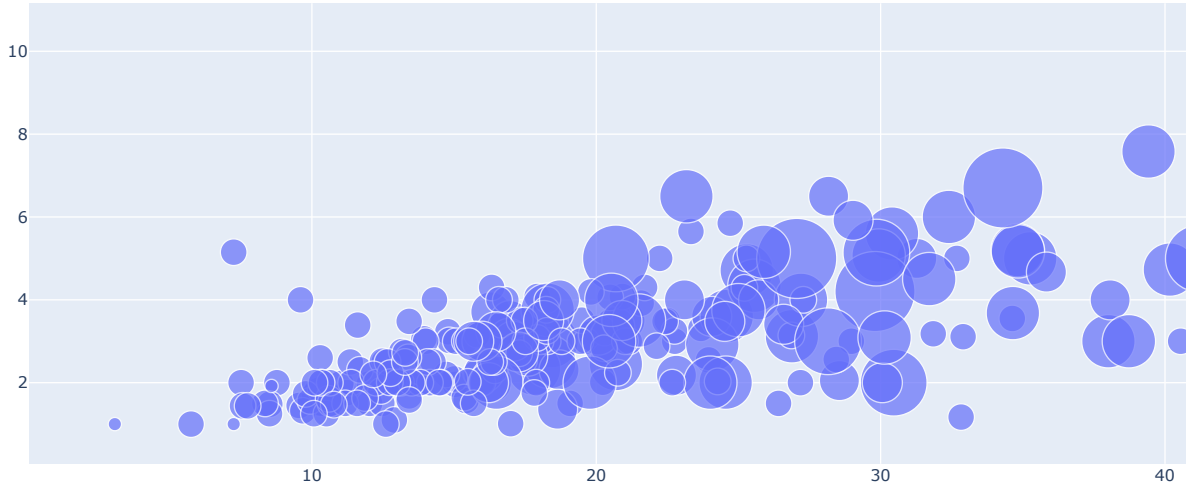

```
fig=go.Figure()
fig.add_trace(go.Bar(x=[1,2,3,4,5,3],y=[2,3,4,6,4,3,6]))
```



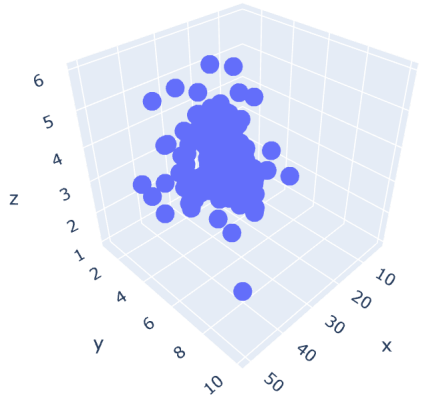

```
fig=go.Figure()
fig.add_trace(go.Histogram(x=tips['total_bill']))
```




```
fig=go.Figure()
fig.add_trace(go.Scatter(x=tips.total_bill,y=tips.tip,mode='markers',marker_size=10*tips['size']))
```

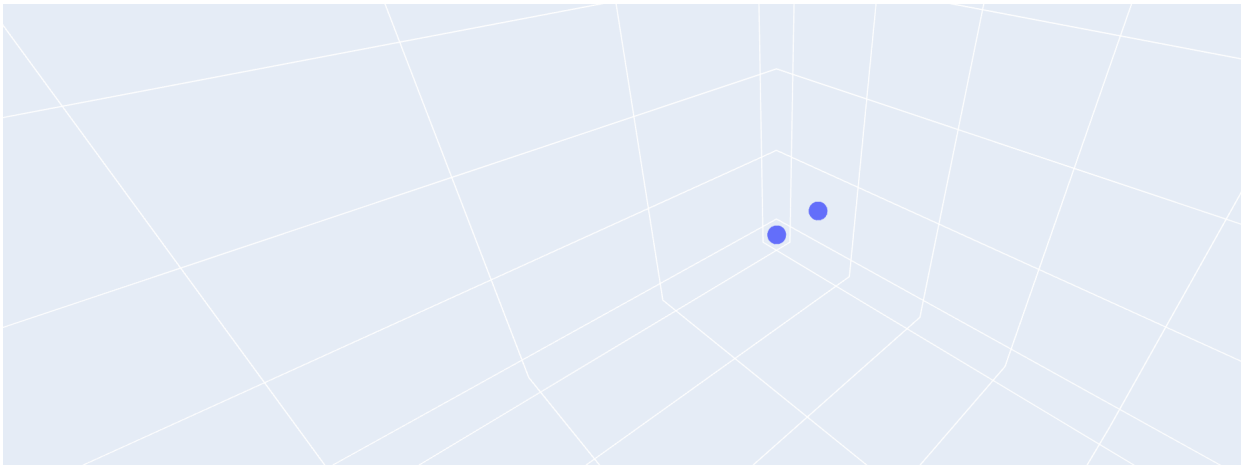



```
fig=go.Figure()
fig.add_trace(go.Scatter3d(x=tips.total_bill,y=tips.tip,mode='markers',z=tips['size']))
```

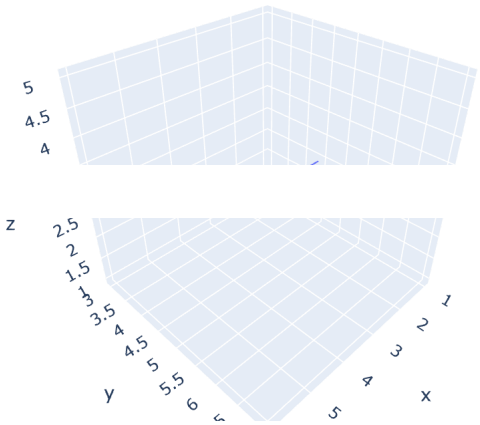


```
fig=go.Figure()
fig.add_trace(go.Scatter3d(x=tips.total_bill,y=tips.tip,mode='lines',z=tips['size']))
```


```
fig=go.Figure()
fig.add_trace(go.Scatter3d(x=[1,2,3,4,5,6],y=[3,4,5,6,7],mode='markers',z=[1,2,3,4,5,6]))
```



```
fig=go.Figure()
fig.add_trace(go.Scatter3d(x=[1,2,3,4,5,6],y=[3,4,5,6,7],mode='lines',z=[1,2,3,4,5,6]))
```



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