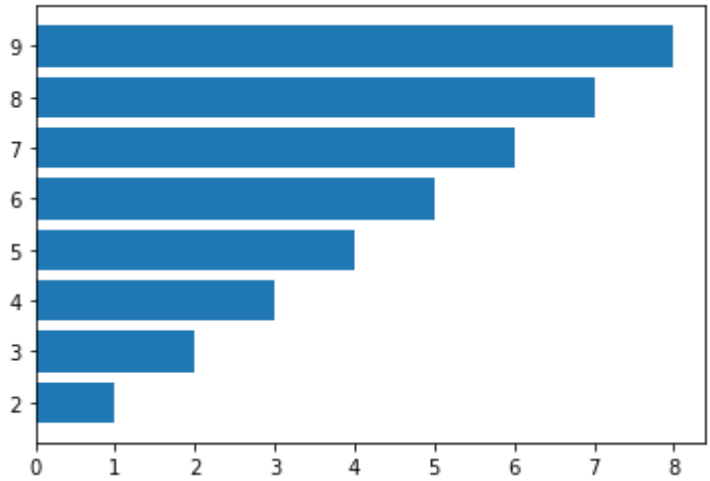
Matplotlib

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

```
x = [2,3,4,5,6,7,8,9]
y = [1,2,3,4,5,6,7,8]
```

```
import matplotlib.pyplot as plt
fig, ax = plt.subplots()
ax.barh(x,y)
plt.show()
```

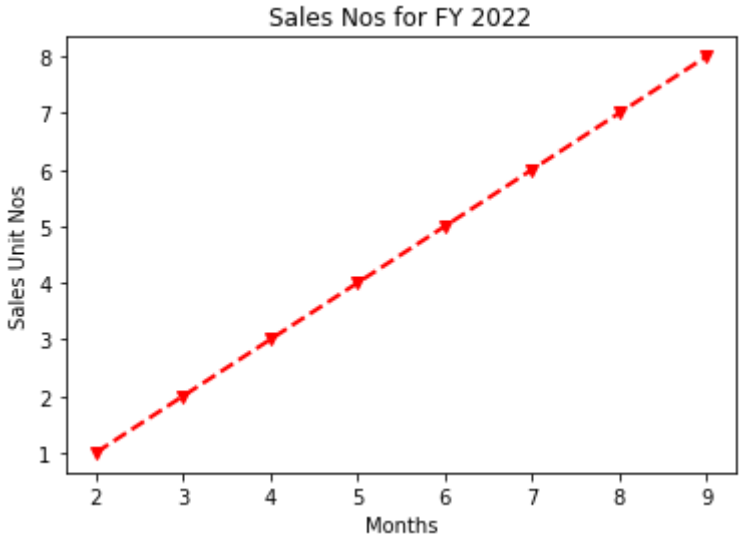



```
z = [1,1,1,1,2,2,2,3,3,4,4,4,4,4,4,4,6,6,8,8,8,8]
```

```
import matplotlib.pyplot as plt
fig, ax = plt.subplots()
ax.hist(z)
plt.show()
```

```
fig, ax = plt.subplots()
ax.pie(x)
plt.show()
```

```
import matplotlib.pyplot as plt
fig,ax = plt.subplots()
ax.plot(x,y,color = 'red',linestyle ='--',marker = 'v',linewidth = 2)
ax.set_title('Sales Nos for FY 2022')
ax.set_xlabel('Months')
ax.set_ylabel('Sales Unit Nos')
plt.show()
```




```
import pandas as pd
import numpy as np
titanic = pd.read_csv(r'https://github.com/YBI-Foundation/Dataset/raw/main/Titanic.c
```

```
import seaborn as sns
sns.pairplot(titanic)
```

```
<seaborn.axisgrid.PairGrid at 0x7fe67a357190>
```