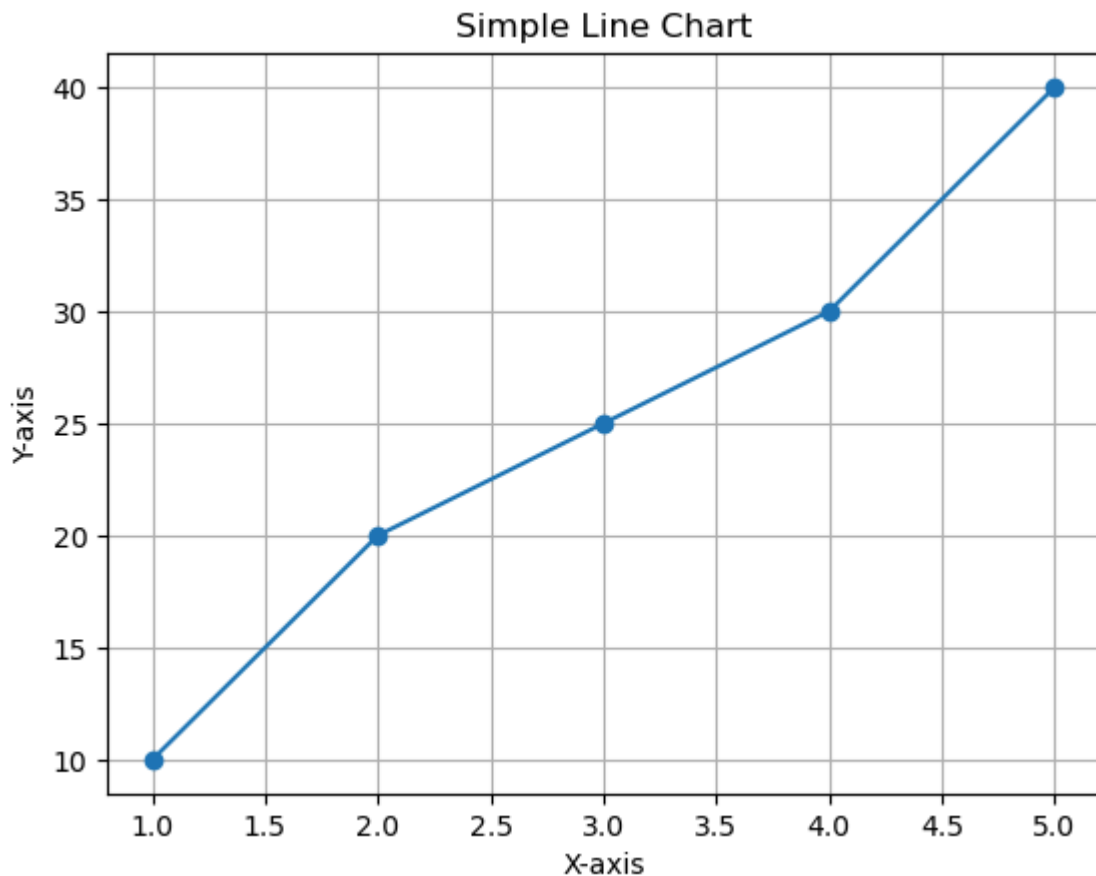


## Line Chart

```
In [6]: import matplotlib.pyplot as plt

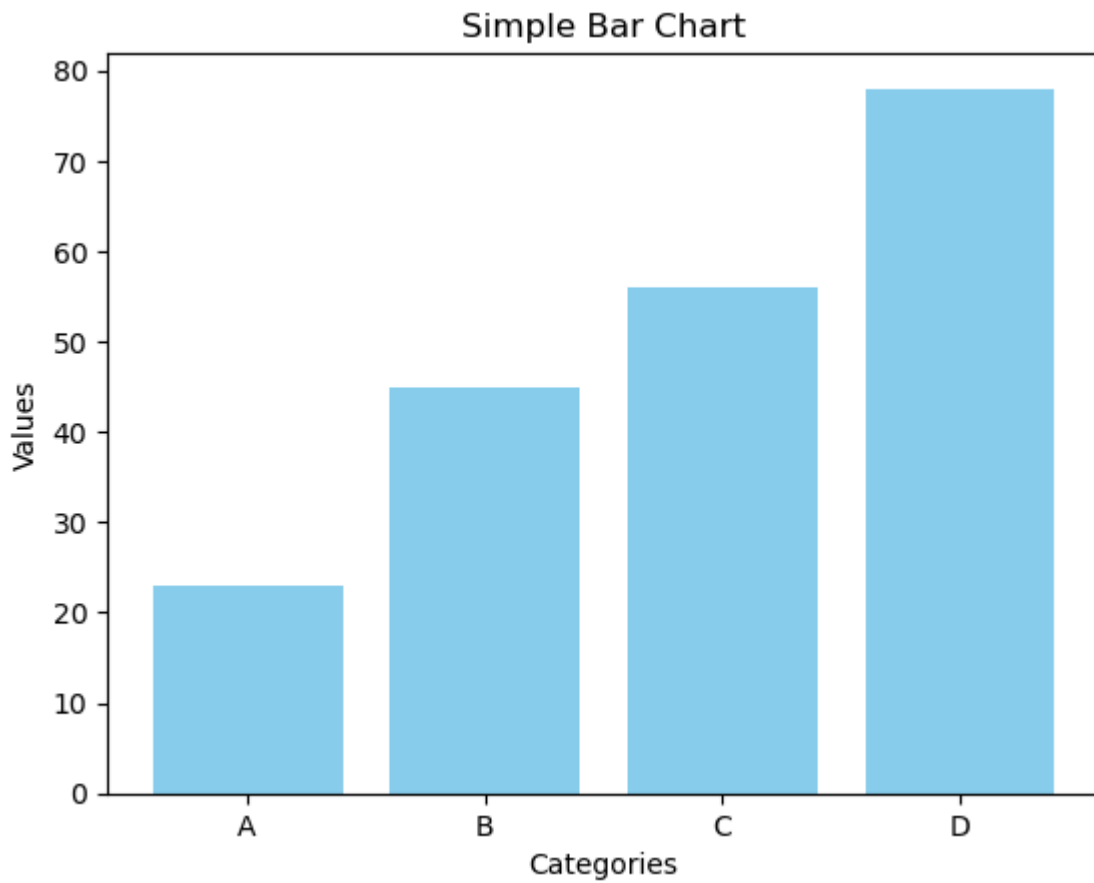
x = [1, 2, 3, 4, 5]
y = [10, 20, 25, 30, 40]
plt.plot(x, y, marker='o')#Circle markers on each data point
plt.title('Simple Line Chart')
plt.xlabel('X-axis')
plt.ylabel('Y-axis')
plt.grid(True)
plt.show()
```



```
In [3]: import matplotlib.pyplot as plt

categories = ['A', 'B', 'C', 'D']
values = [23, 45, 56, 78]

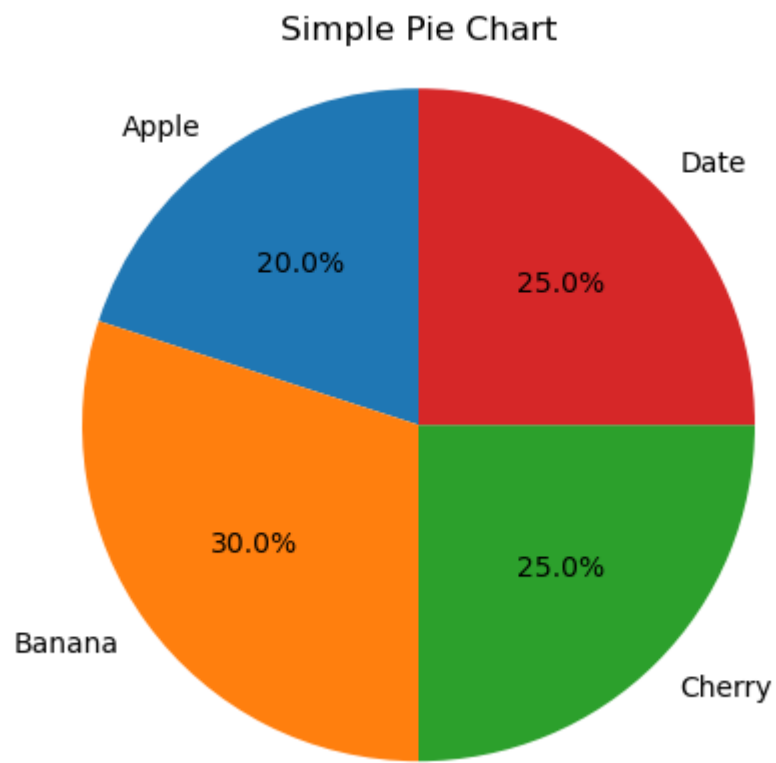
plt.bar(categories, values, color='skyblue')
plt.title('Simple Bar Chart')
plt.xlabel('Categories')
plt.ylabel('Values')
plt.show()
```



```
In [5]: import matplotlib.pyplot as plt

labels = ['Apple', 'Banana', 'Cherry', 'Date']
sizes = [20, 30, 25, 25]

plt.pie(sizes, labels=labels, autopct='%1.1f%%')
plt.title('Simple Pie Chart')
plt.axis('equal') # Ensures pie is a circle
plt.show()
```



In [ ]: