

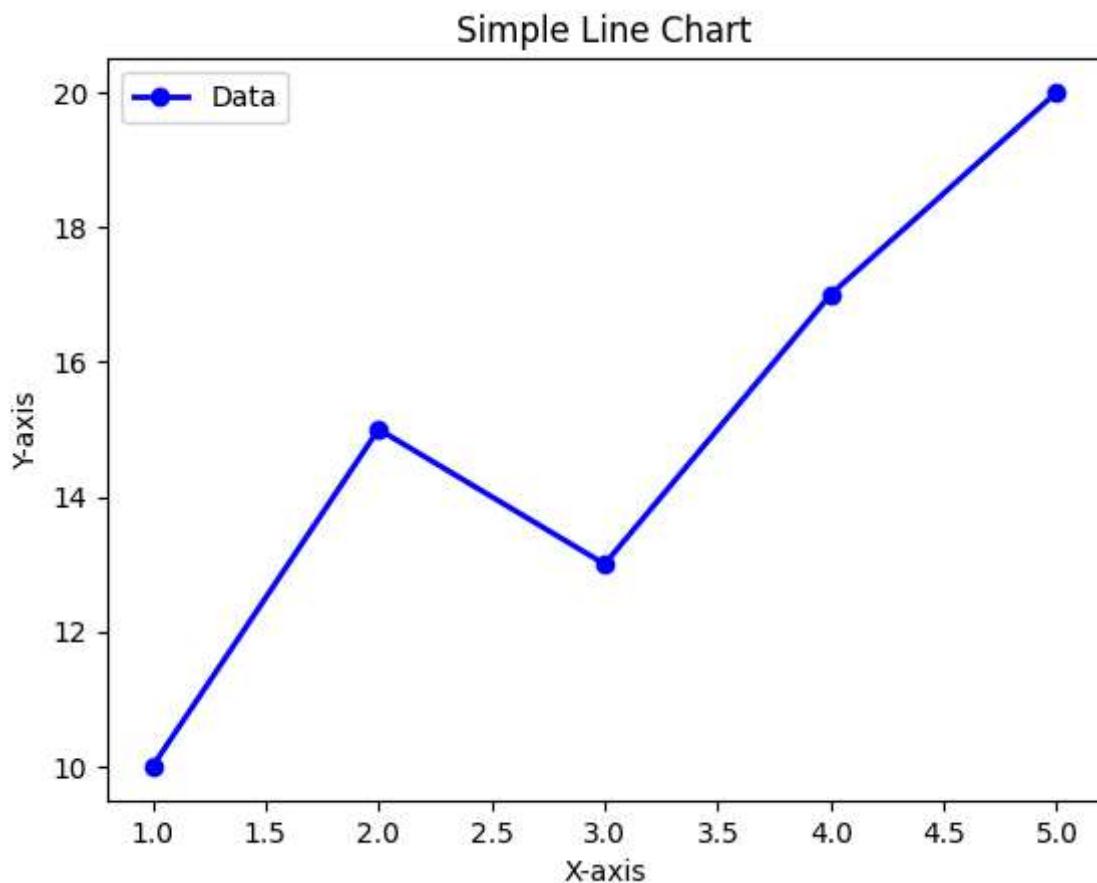
```
In [2]: import matplotlib.pyplot as plt
```

```
In [3]: # Sample data
x = [1, 2, 3, 4, 5]
y = [10, 15, 13, 17, 20]

# Create a line chart
plt.plot(x, y, marker='o', color='b', linestyle='-', linewidth=2, label='Data')

# Add titles and labels
plt.title('Simple Line Chart')
plt.xlabel('X-axis')
plt.ylabel('Y-axis')
plt.legend()

# Show the chart
plt.show()
```



```
In [4]: # Import the required library
import matplotlib.pyplot as plt

# -----
# Define the data
# -----

# List of food items
```

```
food_items = ['Pizza', 'Burger', 'Pasta', 'Salad', 'Sushi']

# Corresponding sales values (e.g., number of items sold)
sales = [150, 200, 180, 120, 90]

# -----
# Create the bar chart
# -----

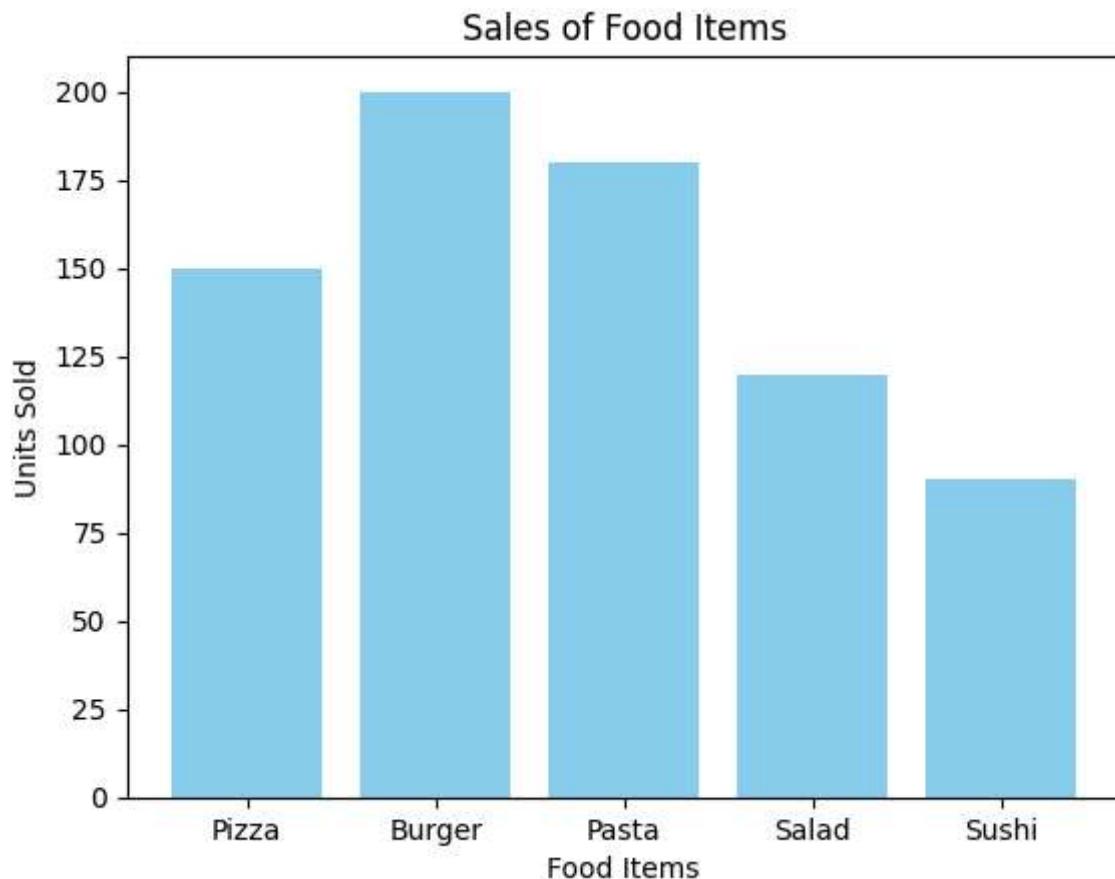
# 'color' defines the fill color of the bars
plt.bar(food_items, sales, color='skyblue')

# -----
# Add Labels and title
# -----

plt.title('Sales of Food Items')      # Title of the chart
plt.xlabel('Food Items')              # Label for the X-axis
plt.ylabel('Units Sold')              # Label for the Y-axis

# -----
# Display the chart
# -----

plt.show()
```



```
In [7]: # Import the required library
import matplotlib.pyplot as plt
```

```
# -----
# Define the data
# -----


# Food items
food_items = ['Pizza', 'Burger', 'Pasta', 'Salad', 'Sushi']

# Corresponding sales data (e.g., number of items sold)
sales = [150, 200, 180, 120, 90]

# -----
# Create the pie chart
# -----


# 'autopct' displays the percentage on each slice
# 'startangle' rotates the chart for better readability
# 'colors' gives each slice a custom color
colors = ['tomato', 'orange', 'gold', 'lightgreen', 'skyblue']

plt.pie(
    sales,
    labels=food_items,
    autopct='%1.1f%%', # Show values as percentages

    colors=colors,      # Custom colors
    shadow=True,        # Add shadow effect
)

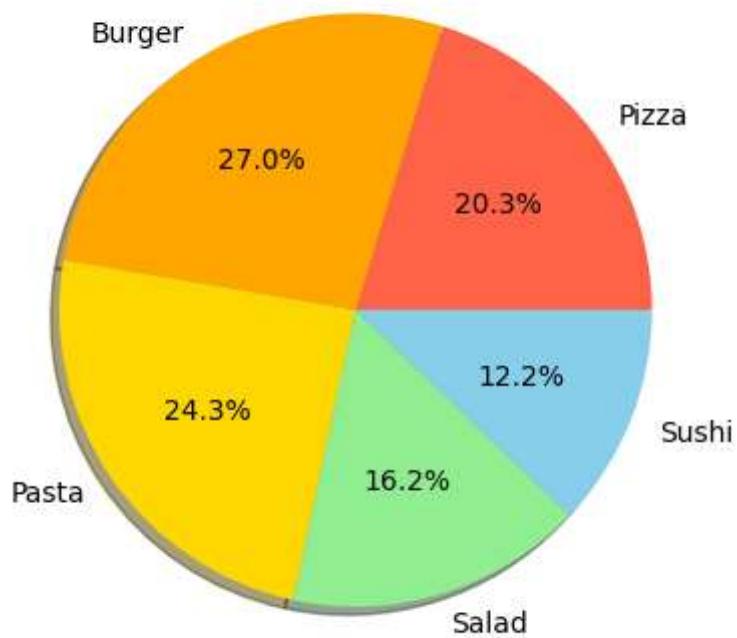
# -----
# Add a title
# -----


plt.title('Sales Distribution of Food Items', fontsize=14)

# -----
# Display the chart
# -----


plt.show()
```

Sales Distribution of Food Items



In []: