Heavenly Chocolates Customer Analysis

Raza Rafique

2025-04-09

Table of Contents

Title

Test Python

Quarto is a powerful tool for creating **dynamic documents** and *interactive reports*. It supports multiple programming languages, including **Python**, **R**, and **Julia**, making it versatile for data analysis and visualization. You can use *Markdown syntax* to format your text, such as making it **bold**, *italic*, or even combining both for ***emphasis***. This flexibility ensures that you can create **professional-looking documents** with ease.

Bullet Points Example

Here is a simple list of items:

- **Fruits**:
  - Apple
  - Banana
  - Orange

- **Vegetables**:
  - Carrot
  - Broccoli
  - Spinach
- **Dairy Products**:
  - Milk
  - Cheese
  - Yogurt

Ordered List Example

Here is a simple ordered list of steps:

1. **Plan Your Project**:
   - Define goals.
   - Identify resources.
2. **Develop the Solution**:
   - Write code.
   - Test the implementation.
3. **Deploy and Monitor**:
   - Deploy the project.
   - Monitor performance and gather feedback.

Ordered List with Letters

Here is an ordered list using letters:

a. **Choose a Topic**:
   - Brainstorm ideas.
   - Select a focus area.

b. **Research the Topic**:
   - Gather relevant information.
   - Organize key points.

c. **Create the Content**:
   - Write the draft.

- Revise and edit.

```
print("Hello World")
```

```
Hello World
```

Test Pandas Matplotlib

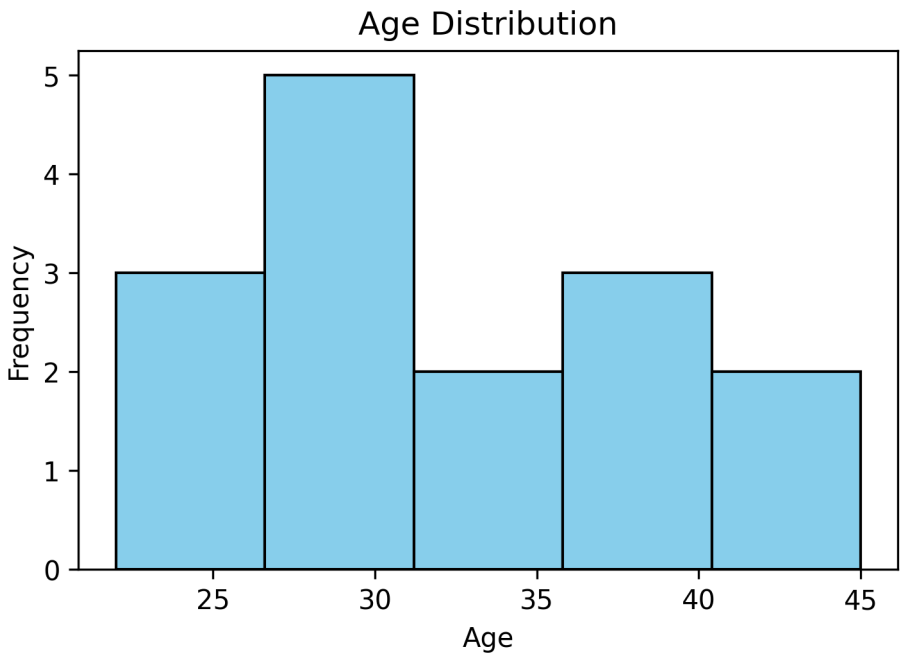
```
import pandas as pd
import matplotlib.pyplot as plt

# Example data: creating a DataFrame
data = {
    'Age': [23, 45, 31, 22, 45, 37, 28, 33, 40, 29, 31, 25, 34, 27, 39]
}
df = pd.DataFrame(data)

# Plotting the histogram
plt.hist(df['Age'], bins=5, edgecolor='black', color='skyblue')

# Adding labels and title
plt.xlabel('Age')
plt.ylabel('Frequency')
plt.title('Age Distribution')

# Display the plot
plt.show()
```


Age Distribution
Frequency
Age
0
1
2
3
4
5
25
30
35
40
45