

Heavenly Chocolates Customer Analysis

Raza Rafique

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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()
```

