In [3]:
```python
import numpy as np
import matplotlib.pyplot as plt
np.random.seed(42)
daily_visitors = np.random.normal(loc=300, scale=50, size=1000)
plt.figure(figsize=(8, 6))
plt.hist(daily_visitors, bins=20, color='skyblue', edgecolor='black')
plt.title('Distribution of Daily Website Visitors')
plt.xlabel('Number of Visitors')
plt.ylabel('Frequency')
plt.grid(axis='y', linestyle='--', alpha=0.7)
plt.show()
```
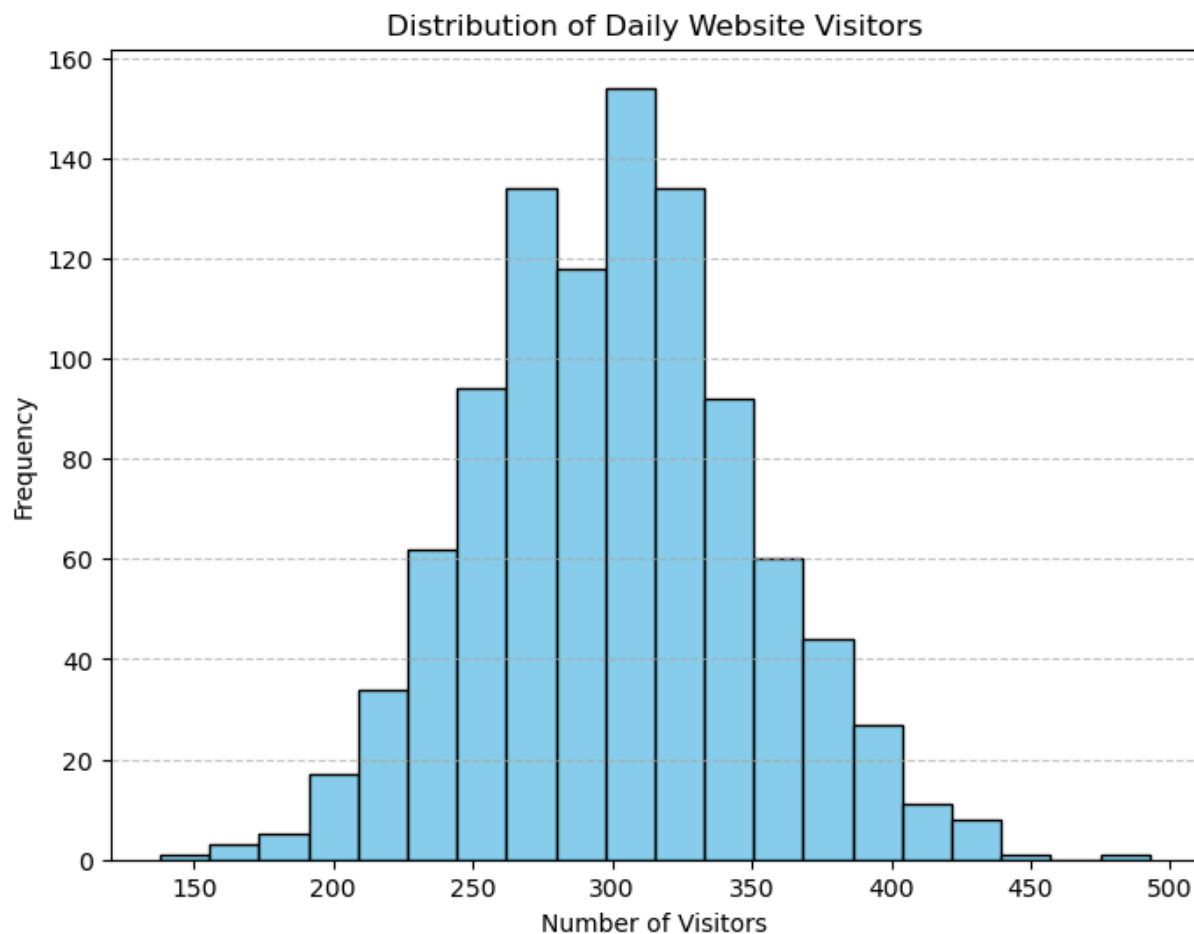

In [ ]: