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import matplotlib.pyplot as plt

# Example data (replace with your actual data)
genders = ['Male', 'Female', 'Non-Binary', 'Other']
counts = [300, 400, 50, 20]

# Create a bar chart
plt.bar(genders, counts, color='skyblue')

# Add labels and title
plt.xlabel('Gender')
plt.ylabel('Count')
plt.title('Distribution of Genders in Population')

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