

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

```
df = pd.read_csv('/content/population.csv', encoding='utf-8')
df.head()
```

	Country Name	Country Code	Indicator Name	Indicator Code	1960	1961	1962	1963	1964	1965	...	
0	Aruba	ABW	Population, total	SP.POP.TOTL	54608.0	55811.0	56682.0	57475.0	58178.0	58782.0	...	1
1	Africa Eastern and Southern	AFE	Population, total	SP.POP.TOTL	130692579.0	134169237.0	137835590.0	141630546.0	145605995.0	149742351.0	...	5678
2	Afghanistan	AFG	Population, total	SP.POP.TOTL	8622466.0	8790140.0	8969047.0	9157465.0	9355514.0	9565147.0	...	315
3	Africa Western and Central	AFW	Population, total	SP.POP.TOTL	97256290.0	99314028.0	101445032.0	103667517.0	105959979.0	108336203.0	...	3872
4	Angola	AGO	Population, total	SP.POP.TOTL	5357195.0	5441333.0	5521400.0	5599827.0	5673199.0	5736582.0	...	261

5 rows × 67 columns

```
df_final = df.drop(['Country Code', 'Indicator Name', 'Indicator Code'], axis=1)
```

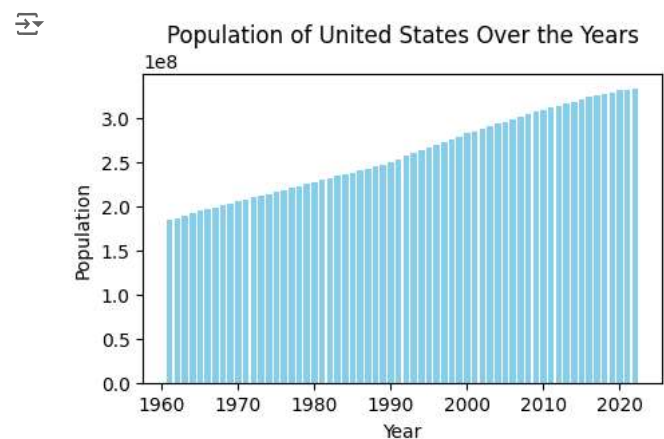
```
chosen_country = 'United States'
```

```
country_data = df_final[df_final['Country Name'] == chosen_country]
```

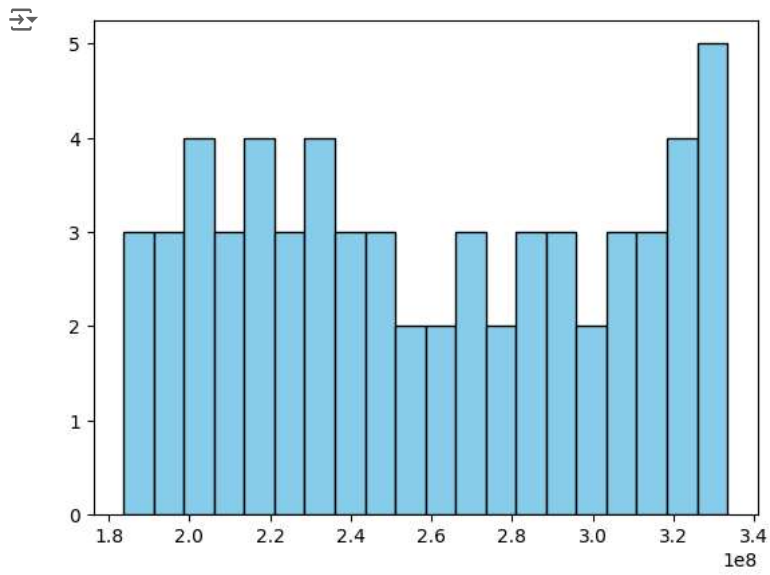
```
years = country_data.columns[2:].astype(int)
population = country_data.iloc[:, 2:].values.flatten()
```

```
plt.figure(figsize=(5, 3))
plt.bar(years, population, color='skyblue')
plt.xlabel('Year')
plt.ylabel('Population')
plt.title(f'Population of {chosen_country} Over the Years')
```

```
plt.show()
```



```
plt.hist(population, bins=20, color='skyblue', edgecolor='black')
plt.show()
```



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