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

```
df=pd.read_csv("/content/World Population Live Dataset.csv")
```

```
df.head()
```

	CCA3	Name	2022	2020	2015	2010	2000	1990	1980	1970	Area (km²)	Density (per km²)	GrowthRate	World Population Percentage	Rank
0	CN	China	1425887	1424930	1393715	1348191	1264099	1153704	982372	822534	9706961	146.8933	1.00	17.88%	1
1	IN	India	1417173	1396387	1322867	1240614	1059634	870452	696828	557501	3287590	431.0675	1.01	17.77%	2
2	US	United States	338290	335942	324608	311183	282399	248084	223140	200328	9372610	36.0935	1.00	4.24%	3
3	ID	Indonesia	275501	271858	259092	244016	[illegible]	[illegible]	[illegible]	115228	1904569	144.6529	1.01	3.45%	4

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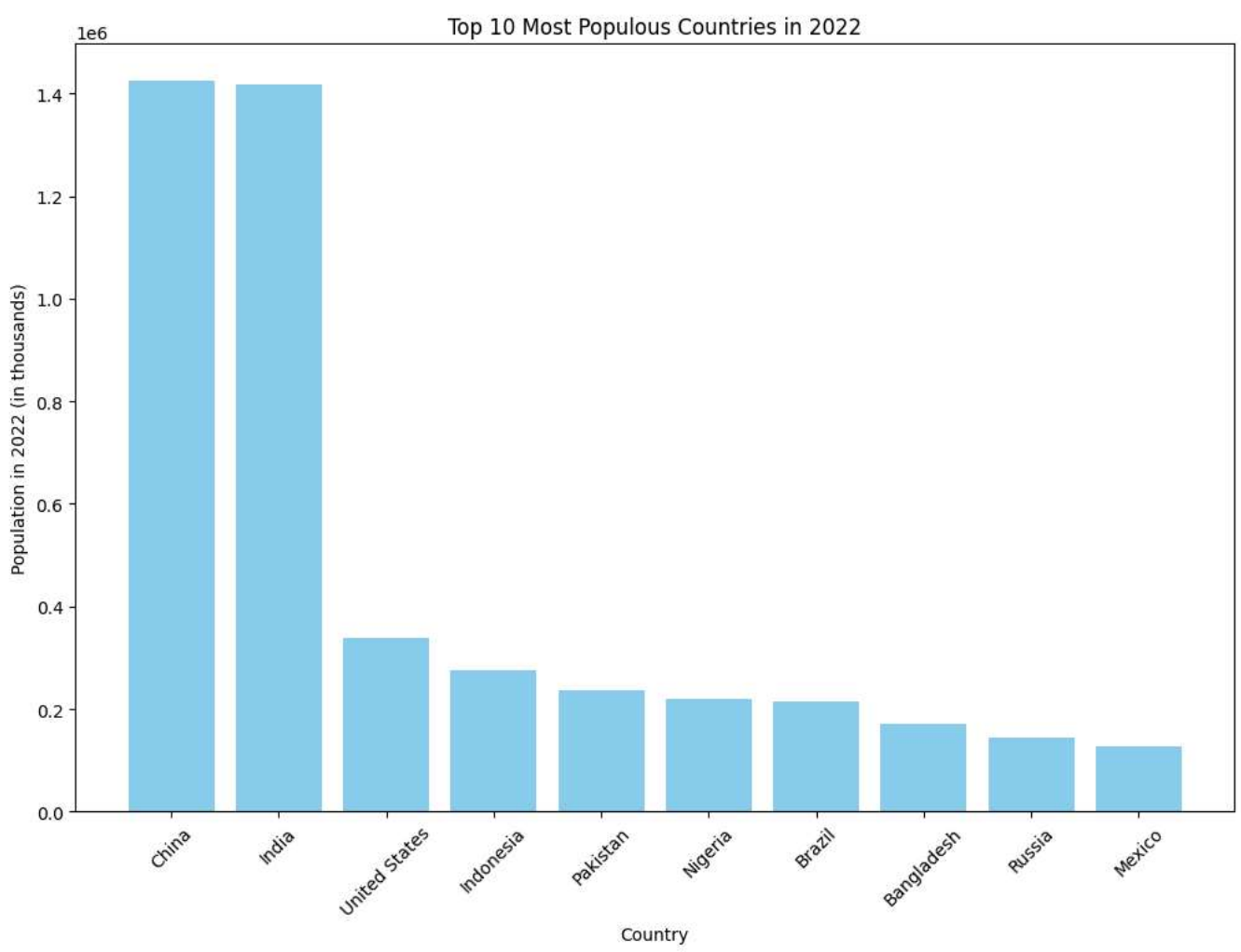
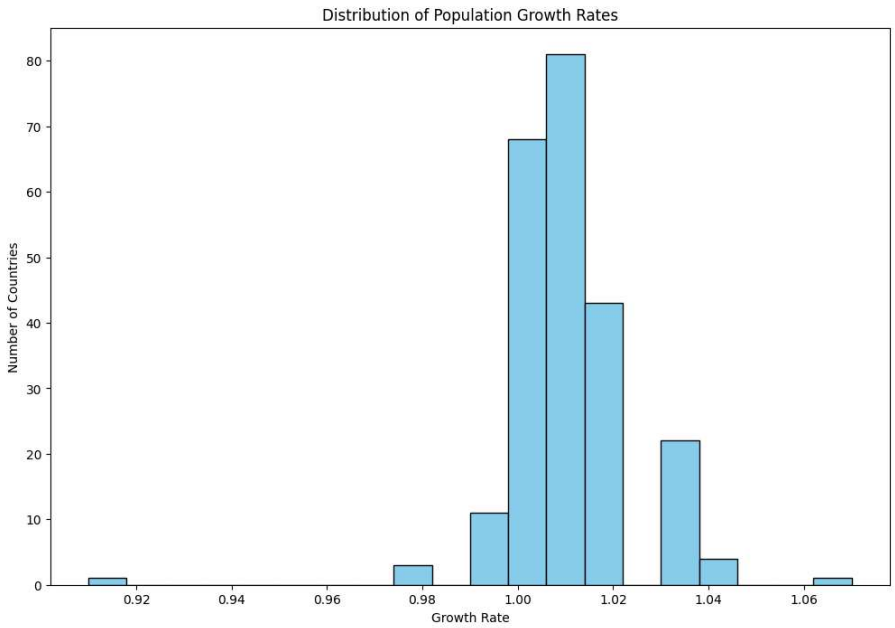
```
# Bar Plot: Population of the top 10 most populous countries in 2022
top_10_population = df.nlargest(10, '2022')[['Name', '2022']]
```

```
plt.figure(figsize=(12, 8))
plt.bar(top_10_population['Name'], top_10_population['2022'], color='skyblue')
plt.xlabel('Country')
plt.ylabel('Population in 2022 (in thousands)')
plt.title('Top 10 Most Populous Countries in 2022')
plt.xticks(rotation=45)
plt.show()
```



```
# Histogram: Distribution of Growth Rates
plt.figure(figsize=(12, 8))
plt.hist(df['GrowthRate'], bins=20, color='skyblue', edgecolor='black')
plt.xlabel('Growth Rate')
plt.ylabel('Number of Countries')
plt.title('Distribution of Population Growth Rates')
plt.show()
```



Start coding or generate with AI.