task-01-by-jashaswi-biswas

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Create a bar chart or histogram to visualize the distribution of a categorical or continuous variable,such as the distribution of ages or genders in a population.

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

[ ]:
```
df=pd.read_csv('/world_population.csv')
```

[ ]:
```
df
```

[ ]:

	Rank	CCA3	Country/Territory	Capital	Continent	2022 Population	2020 Population	2015 Population	2010 Population	\
0	36	AFG	Afghanistan	Kabul	Asia	41128771	38972230	33753499	28189672	
1	138	ALB	Albania	Tirana	Europe	2842321	2866849	2882481	2913399	
2	34	DZA	Algeria	Algiers	Africa	44903225	43451666	39543154	35856344	
3	213	ASM	American Samoa	Pago Pago	Oceania	44273	46189	51368	54849	
4	203	AND	Andorra	Andorra la Vella	Europe	79824	77700	71746	71519	
..	…	…	…	…	…	…	…	…	…	
229	226	WLF	Wallis and Futuna	Mata-Utu	Oceania	11572	11655	12182	13142	
230	172	ESH	Western Sahara	El Aaiún	Africa	575986	556048	491824	413296	
231	46	YEM	Yemen	Sanaa	Asia	33696614	32284046	28516545	24743946	
232	63	ZMB	Zambia	Lusaka	Africa	20017675	18927715	16248230	13792086	
233	74	ZWE	Zimbabwe	Harare	Africa					

```
233         16320537         15669666         14154937         12839771

     2000 Population  1990 Population  1980 Population  1970 Population  \
0           19542982         10694796         12486631         10752971
1            3182021          3295066          2941651          2324731
2           30774621         25518074         18739378         13795915
3              58230            47818            32886            27075
4              66097            53569            35611            19860
..               …                …                …                …
229            14723            13454            11315             9377
230           270375           178529           116775            76371
231         18628700         13375121          9204938          6843607
232          9891136          7686401          5720438          4281671
233         11834676         10113893          7049926          5202918

     Area (km²)  Density (per km²)  Growth Rate  World Population Percentage
0        652230            63.0587       1.0257                         0.52
1         28748            98.8702       0.9957                         0.04
2       2381741            18.8531       1.0164                         0.56
3           199           222.4774       0.9831                         0.00
4           468           170.5641       1.0100                         0.00
..          …                 …            …                              …
229         142            81.4930       0.9953                         0.00
230      266000             2.1654       1.0184                         0.01
231      527968            63.8232       1.0217                         0.42
232      752612            26.5976       1.0280                         0.25
233      390757            41.7665       1.0204                         0.20

[234 rows x 17 columns]
```

[ ]:
```
df.head()
```

[ ]:
```
   Rank CCA3 Country/Territory           Capital Continent  2022 Population  \
0    36  AFG       Afghanistan             Kabul      Asia         41128771
1   138  ALB           Albania            Tirana    Europe          2842321
2    34  DZA           Algeria           Algiers    Africa         44903225
3   213  ASM    American Samoa         Pago Pago   Oceania            44273
4   203  AND           Andorra  Andorra la Vella    Europe            79824

   2020 Population  2015 Population  2010 Population  2000 Population  \
0         38972230         33753499         28189672         19542982
1          2866849          2882481          2913399          3182021
2         43451666         39543154         35856344         30774621
3            46189            51368            54849            58230
4            77700            71746            71519            66097

   1990 Population  1980 Population  1970 Population  Area (km²)  \
```

```
0         10694796         12486631         10752971      652230
1          3295066          2941651          2324731       28748
2         25518074         18739378         13795915     2381741
3            47818            32886            27075         199
4            53569            35611            19860         468

   Density (per km²)  Growth Rate  World Population Percentage
0            63.0587       1.0257                         0.52
1            98.8702       0.9957                         0.04
2            18.8531       1.0164                         0.56
3           222.4774       0.9831                         0.00
4           170.5641       1.0100                         0.00
```

[ ]:
```
df.tail()
```

[ ]:
```
     Rank CCA3  Country/Territory   Capital Continent  2022 Population  \
229   226  WLF  Wallis and Futuna  Mata-Utu   Oceania            11572
230   172  ESH     Western Sahara  El Aaiún    Africa           575986
231    46  YEM              Yemen     Sanaa      Asia         33696614
232    63  ZMB             Zambia    Lusaka    Africa         20017675
233    74  ZWE           Zimbabwe    Harare    Africa         16320537

     2020 Population  2015 Population  2010 Population  2000 Population  \
229            11655            12182            13142            14723
230           556048           491824           413296           270375
231         32284046         28516545         24743946         18628700
232         18927715         16248230         13792086          9891136
233         15669666         14154937         12839771         11834676

     1990 Population  1980 Population  1970 Population  Area (km²)  \
229            13454            11315             9377         142
230           178529           116775            76371      266000
231         13375121          9204938          6843607      527968
232          7686401          5720438          4281671      752612
233         10113893          7049926          5202918      390757

     Density (per km²)  Growth Rate  World Population Percentage
229            81.4930       0.9953                         0.00
230             2.1654       1.0184                         0.01
231            63.8232       1.0217                         0.42
232            26.5976       1.0280                         0.25
233            41.7665       1.0204                         0.20
```

[ ]:
```
df.shape
```

[ ]:
```
(234, 17)
```

[ ]:
```
df.columns
```

[ ]:
```
Index(['Rank', 'CCA3', 'Country/Territory', 'Capital', 'Continent',
       '2022 Population', '2020 Population', '2015 Population',
       '2010 Population', '2000 Population', '1990 Population',
       '1980 Population', '1970 Population', 'Area (km²)', 'Density (per km²)',
       'Growth Rate', 'World Population Percentage'],
      dtype='object')
```

[ ]:
```
df.dtypes
```

[ ]:
```
Rank                            int64
CCA3                           object
Country/Territory              object
Capital                        object
Continent                      object
2022 Population                 int64
2020 Population                 int64
2015 Population                 int64
2010 Population                 int64
2000 Population                 int64
1990 Population                 int64
1980 Population                 int64
1970 Population                 int64
Area (km²)                      int64
Density (per km²)             float64
Growth Rate                   float64
World Population Percentage   float64
dtype: object
```

[ ]:
```
df.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 234 entries, 0 to 233
Data columns (total 17 columns):
 #   Column                      Non-Null Count  Dtype
---  ------                      --------------  -----
 0   Rank                        234 non-null    int64
 1   CCA3                        234 non-null    object
 2   Country/Territory           234 non-null    object
 3   Capital                     234 non-null    object
 4   Continent                   234 non-null    object
 5   2022 Population             234 non-null    int64
 6   2020 Population             234 non-null    int64
 7   2015 Population             234 non-null    int64
 8   2010 Population             234 non-null    int64
 9   2000 Population             234 non-null    int64
```

```
 10  1990 Population              234 non-null    int64
 11  1980 Population              234 non-null    int64
 12  1970 Population              234 non-null    int64
 13  Area (km²)                   234 non-null    int64
 14  Density (per km²)            234 non-null    float64
 15  Growth Rate                  234 non-null    float64
 16  World Population Percentage  234 non-null    float64
dtypes: float64(3), int64(10), object(4)
memory usage: 31.2+ KB
```

[ ]:
```
df.describe()
```

[ ]:

	Rank	2022 Population	2020 Population	2015 Population
count	234.000000	2.340000e+02	2.340000e+02	2.340000e+02
mean	117.500000	3.407441e+07	3.350107e+07	3.172996e+07
std	67.694165	1.367664e+08	1.355899e+08	1.304050e+08
min	1.000000	5.100000e+02	5.200000e+02	5.640000e+02
25%	59.250000	4.197385e+05	4.152845e+05	4.046760e+05
50%	117.500000	5.559944e+06	5.493074e+06	5.307400e+06
75%	175.750000	2.247650e+07	2.144798e+07	1.973085e+07
max	234.000000	1.425887e+09	1.424930e+09	1.393715e+09

	2010 Population	2000 Population	1990 Population	1980 Population
count	2.340000e+02	2.340000e+02	2.340000e+02	2.340000e+02
mean	2.984524e+07	2.626947e+07	2.271022e+07	1.898462e+07
std	1.242185e+08	1.116982e+08	9.783217e+07	8.178519e+07
min	5.960000e+02	6.510000e+02	7.000000e+02	7.330000e+02
25%	3.931490e+05	3.272420e+05	2.641158e+05	2.296142e+05
50%	4.942770e+06	4.292907e+06	3.825410e+06	3.141146e+06
75%	1.915957e+07	1.576230e+07	1.186923e+07	9.826054e+06
max	1.348191e+09	1.264099e+09	1.153704e+09	9.823725e+08

	1970 Population	Area (km²)	Density (per km²)	Growth Rate
count	2.340000e+02	2.340000e+02	234.000000	234.000000
mean	1.578691e+07	5.814494e+05	452.127044	1.009577
std	6.779509e+07	1.761841e+06	2066.121904	0.013385
min	7.520000e+02	1.000000e+00	0.026100	0.912000
25%	1.559970e+05	2.650000e+03	38.417875	1.001775
50%	2.604830e+06	8.119950e+04	95.346750	1.007900
75%	8.817329e+06	4.304258e+05	238.933250	1.016950
max	8.225344e+08	1.709824e+07	23172.266700	1.069100

	World Population Percentage
count	234.000000
mean	0.427051
std	1.714977
min	0.000000

```
25%                      0.010000
50%                      0.070000
75%                      0.280000
max                     17.880000
```

[ ]:
```
df.duplicated().sum()
```

[ ]:
```
0
```

[ ]:
```
df.isna().sum().any()
```

[ ]:
```
False
```

[ ]:
```
df= df.fillna(method = "ffill")
df.head()
```

[ ]:
```
   Rank Country/Territory  2022 Population  2020 Population  2015 Population  \
0    36       Afghanistan         41128771         38972230         33753499
1   138           Albania          2842321          2866849          2882481
2    34           Algeria         44903225         43451666         39543154
3   213    American Samoa            44273            46189            51368
4   203           Andorra            79824            77700            71746

   2010 Population  2000 Population  1990 Population  1980 Population  \
0         28189672         19542982         10694796         12486631
1          2913399          3182021          3295066          2941651
2         35856344         30774621         25518074         18739378
3            54849            58230            47818            32886
4            71519            66097            53569            35611

   1970 Population  Area (km²)  Density (per km²)  Growth Rate  \
0         10752971      652230            63.0587       1.0257
1          2324731       28748            98.8702       0.9957
2         13795915     2381741            18.8531       1.0164
3            27075         199           222.4774       0.9831
4            19860         468           170.5641       1.0100

   World Population Percentage
0                         0.52
1                         0.04
2                         0.56
3                         0.00
4                         0.00
```

[ ]:
```

```

[ ]:
```
df.isna().sum().any()
```

[ ]: False

[ ]:
```
df['Rank'].unique()
```

[ ]:
```
array([ 36, 138,  34, 213, 203,  42, 224, 201,  33, 140, 198,  55,  99,
        91, 176, 154,   8, 186,  96,  81, 177,  77, 206, 165,  80, 137,
       144,   7, 221, 175, 108,  58,  78,  73,  53,  39, 171, 205, 117,
        69,  65,   1,  28, 163, 223, 124, 130,  85, 189, 158,  88, 115,
       160, 204,  84,  15,  67,  14, 112, 152, 132, 156, 159,  12, 231,
       209, 162, 118,  23, 184, 183, 146, 142, 131,  19,  47, 219,  90,
       208, 193, 178, 191,  68, 207,  75, 149, 164,  82,  89, 104,  94,
       179,   2,   4,  17,  35, 125, 202,  98,  25,  52, 139,  11, 195,
        83,  66,  27, 192, 129, 110, 103, 151, 119, 147, 121, 107, 216,
       141, 168, 167,  50,  62,  45, 174,  59, 173, 215, 180, 126, 157,
       182,  10, 194, 135, 217, 134, 169, 230,  40,  48,  26, 145, 225,
        49,  71, 185, 123, 106,  54,   6, 232,  56, 150, 210, 120, 127,
         5, 222, 122, 128,  93, 109,  44,  13,  37,  92, 136, 143, 114,
       161,  64,   9,  76, 228, 211, 190, 220, 229, 199, 188, 218, 187,
        41,  72, 105, 196, 102, 113, 214, 116, 148, 166,  70,  24,  29,
        86,  30,  61,  32, 170,  87, 101,  60,  57,  95,  22,  20, 155,
       100, 233, 197, 153,  79,  18, 111, 212, 227,  31,  38,  97,  21,
         3, 200, 133,  43, 181, 234,  51,  16, 226, 172,  46,  63,  74])
```

[ ]:
```
df['Capital'].unique()
```

[ ]:
```
array(['Kabul', 'Tirana', 'Algiers', 'Pago Pago', 'Andorra la Vella',
       'Luanda', 'The Valley', 'Saint John's', 'Buenos Aires', 'Yerevan',
       'Oranjestad', 'Canberra', 'Vienna', 'Baku', 'Nassau', 'Manama',
       'Dhaka', 'Bridgetown', 'Minsk', 'Brussels', 'Belmopan',
       'Porto-Novo', 'Hamilton', 'Thimphu', 'Sucre', 'Sarajevo',
       'Gaborone', 'Brasilia', 'Road Town', 'Bandar Seri Begawan',
       'Sofia', 'Ouagadougou', 'Bujumbura', 'Phnom Penh', 'Yaounde',
       'Ottawa', 'Praia', 'George Town', 'Bangui', "N'Djamena",
       'Santiago', 'Beijing', 'Bogota', 'Moroni', 'Avarua', 'San José',
       'Zagreb', 'Havana', 'Willemstad', 'Nicosia', 'Prague',
       'Copenhagen', 'Djibouti', 'Roseau', 'Santo Domingo', 'Kinshasa',
       'Quito', 'Cairo', 'San Salvador', 'Malabo', 'Asmara', 'Tallinn',
       'Mbabane', 'Addis Ababa', 'Stanley', 'Tórshavn', 'Suva',
       'Helsinki', 'Paris', 'Cayenne', 'Papeete', 'Libreville', 'Banjul',
       'Tbilisi', 'Berlin', 'Accra', 'Gibraltar', 'Athens', 'Nuuk',
       "Saint George's", 'Basse-Terre', 'Hagåtña', 'Guatemala City',
       'Saint Peter Port', 'Conakry', 'Bissau', 'Georgetown',
       'Port-au-Prince', 'Tegucigalpa', 'Hong Kong', 'Budapest',
       'Reykjavík', 'New Delhi', 'Jakarta', 'Tehran', 'Baghdad', 'Dublin',
       'Douglas', 'Jerusalem', 'Rome', 'Yamoussoukro', 'Kingston',
       'Tokyo', 'Saint Helier', 'Amman', 'Nursultan', 'Nairobi', 'Tarawa',
       'Kuwait City', 'Bishkek', 'Vientiane', 'Riga', 'Beirut', 'Maseru',
```

```
       'Monrovia', 'Tripoli', 'Vaduz', 'Vilnius', 'Luxembourg',
       'Concelho de Macau', 'Antananarivo', 'Lilongwe', 'Kuala Lumpur',
       'Malé', 'Bamako', 'Valletta', 'Majuro', 'Fort-de-France',
       'Nouakchott', 'Port Louis', 'Mamoudzou', 'Mexico City', 'Palikir',
       'Chisinau', 'Monaco', 'Ulaanbaatar', 'Podgorica', 'Brades',
       'Rabat', 'Maputo', 'Nay Pyi Taw', 'Windhoek', 'Yaren', 'Kathmandu',
       'Amsterdam', 'Nouméa', 'Wellington', 'Managua', 'Niamey', 'Abuja',
       'Alofi', 'Pyongyang', 'Skopje', 'Saipan', 'Oslo', 'Muscat',
       'Islamabad', 'Ngerulmud', 'Ramallah', 'Panama City',
       'Port Moresby', 'Asunción', 'Lima', 'Manila', 'Warsaw', 'Lisbon',
       'San Juan', 'Doha', 'Brazzaville', 'Saint-Denis', 'Bucharest',
       'Moscow', 'Kigali', 'Gustavia', 'Basseterre', 'Castries',
       'Marigot', 'Saint-Pierre', 'Kingstown', 'Apia', 'San Marino',
       'São Tomé', 'Riyadh', 'Dakar', 'Belgrade', 'Victoria', 'Freetown',
       'Singapore', 'Philipsburg', 'Bratislava', 'Ljubljana', 'Honiara',
       'Mogadishu', 'Pretoria', 'Seoul', 'Juba', 'Madrid', 'Colombo',
       'Khartoum', 'Paramaribo', 'Stockholm', 'Bern', 'Damascus',
       'Taipei', 'Dushanbe', 'Dodoma', 'Bangkok', 'Dili', 'Lomé',
       'Nukunonu', 'Nuku‘alofa', 'Port-of-Spain', 'Tunis', 'Ankara',
       'Ashgabat', 'Cockburn Town', 'Funafuti', 'Kampala', 'Kiev',
       'Abu Dhabi', 'London', 'Washington, D.C.', 'Charlotte Amalie',
       'Montevideo', 'Tashkent', 'Port-Vila', 'Vatican City', 'Caracas',
       'Hanoi', 'Mata-Utu', 'El Aaiún', 'Sanaa', 'Lusaka', 'Harare'],
      dtype=object)
```

[ ]:
```
df['Country/Territory'].unique()
```

[ ]:
```
array(['Afghanistan', 'Albania', 'Algeria', 'American Samoa', 'Andorra',
       'Angola', 'Anguilla', 'Antigua and Barbuda', 'Argentina',
       'Armenia', 'Aruba', 'Australia', 'Austria', 'Azerbaijan',
       'Bahamas', 'Bahrain', 'Bangladesh', 'Barbados', 'Belarus',
       'Belgium', 'Belize', 'Benin', 'Bermuda', 'Bhutan', 'Bolivia',
       'Bosnia and Herzegovina', 'Botswana', 'Brazil',
       'British Virgin Islands', 'Brunei', 'Bulgaria', 'Burkina Faso',
       'Burundi', 'Cambodia', 'Cameroon', 'Canada', 'Cape Verde',
       'Cayman Islands', 'Central African Republic', 'Chad', 'Chile',
       'China', 'Colombia', 'Comoros', 'Cook Islands', 'Costa Rica',
       'Croatia', 'Cuba', 'Curacao', 'Cyprus', 'Czech Republic',
       'Denmark', 'Djibouti', 'Dominica', 'Dominican Republic',
       'DR Congo', 'Ecuador', 'Egypt', 'El Salvador', 'Equatorial Guinea',
       'Eritrea', 'Estonia', 'Eswatini', 'Ethiopia', 'Falkland Islands',
       'Faroe Islands', 'Fiji', 'Finland', 'France', 'French Guiana',
       'French Polynesia', 'Gabon', 'Gambia', 'Georgia', 'Germany',
       'Ghana', 'Gibraltar', 'Greece', 'Greenland', 'Grenada',
       'Guadeloupe', 'Guam', 'Guatemala', 'Guernsey', 'Guinea',
       'Guinea-Bissau', 'Guyana', 'Haiti', 'Honduras', 'Hong Kong',
       'Hungary', 'Iceland', 'India', 'Indonesia', 'Iran', 'Iraq',
```

```
       'Ireland', 'Isle of Man', 'Israel', 'Italy', 'Ivory Coast',
       'Jamaica', 'Japan', 'Jersey', 'Jordan', 'Kazakhstan', 'Kenya',
       'Kiribati', 'Kuwait', 'Kyrgyzstan', 'Laos', 'Latvia', 'Lebanon',
       'Lesotho', 'Liberia', 'Libya', 'Liechtenstein', 'Lithuania',
       'Luxembourg', 'Macau', 'Madagascar', 'Malawi', 'Malaysia',
       'Maldives', 'Mali', 'Malta', 'Marshall Islands', 'Martinique',
       'Mauritania', 'Mauritius', 'Mayotte', 'Mexico', 'Micronesia',
       'Moldova', 'Monaco', 'Mongolia', 'Montenegro', 'Montserrat',
       'Morocco', 'Mozambique', 'Myanmar', 'Namibia', 'Nauru', 'Nepal',
       'Netherlands', 'New Caledonia', 'New Zealand', 'Nicaragua',
       'Niger', 'Nigeria', 'Niue', 'North Korea', 'North Macedonia',
       'Northern Mariana Islands', 'Norway', 'Oman', 'Pakistan', 'Palau',
       'Palestine', 'Panama', 'Papua New Guinea', 'Paraguay', 'Peru',
       'Philippines', 'Poland', 'Portugal', 'Puerto Rico', 'Qatar',
       'Republic of the Congo', 'Reunion', 'Romania', 'Russia', 'Rwanda',
       'Saint Barthelemy', 'Saint Kitts and Nevis', 'Saint Lucia',
       'Saint Martin', 'Saint Pierre and Miquelon',
       'Saint Vincent and the Grenadines', 'Samoa', 'San Marino',
       'Sao Tome and Principe', 'Saudi Arabia', 'Senegal', 'Serbia',
       'Seychelles', 'Sierra Leone', 'Singapore', 'Sint Maarten',
       'Slovakia', 'Slovenia', 'Solomon Islands', 'Somalia',
       'South Africa', 'South Korea', 'South Sudan', 'Spain', 'Sri Lanka',
       'Sudan', 'Suriname', 'Sweden', 'Switzerland', 'Syria', 'Taiwan',
       'Tajikistan', 'Tanzania', 'Thailand', 'Timor-Leste', 'Togo',
       'Tokelau', 'Tonga', 'Trinidad and Tobago', 'Tunisia', 'Turkey',
       'Turkmenistan', 'Turks and Caicos Islands', 'Tuvalu', 'Uganda',
       'Ukraine', 'United Arab Emirates', 'United Kingdom',
       'United States', 'United States Virgin Islands', 'Uruguay',
       'Uzbekistan', 'Vanuatu', 'Vatican City', 'Venezuela', 'Vietnam',
       'Wallis and Futuna', 'Western Sahara', 'Yemen', 'Zambia',
       'Zimbabwe'], dtype=object)
```

[ ]:
```
df['Continent'].unique()
```

[ ]:
```
array(['Asia', 'Europe', 'Africa', 'Oceania', 'North America',
       'South America'], dtype=object)
```

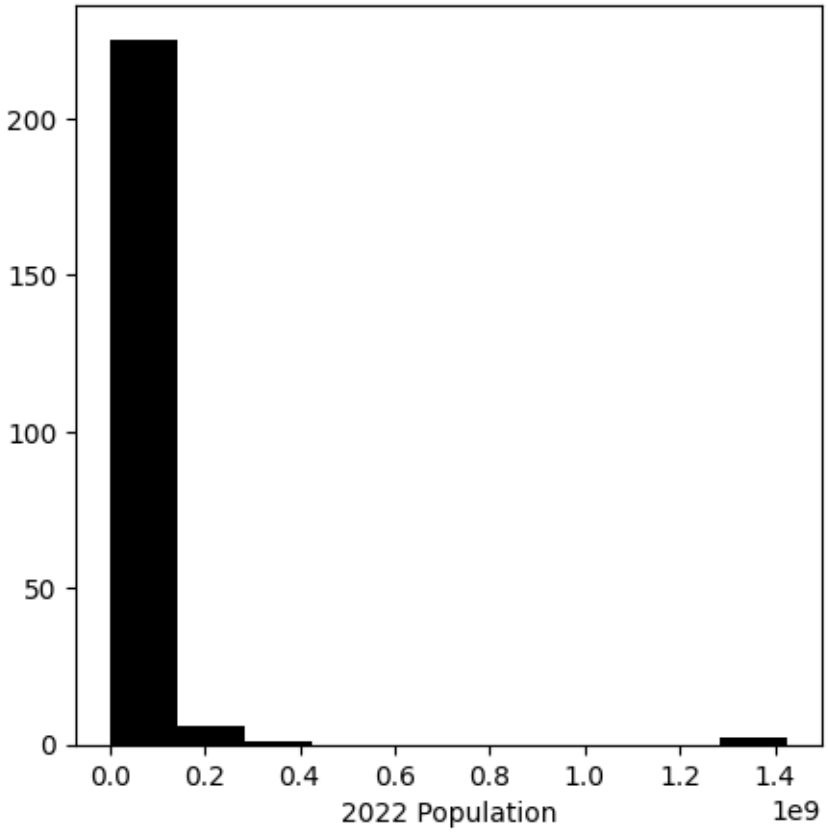
[ ]:
```
df.drop(['Rank'],axis=1,inplace=True)
```

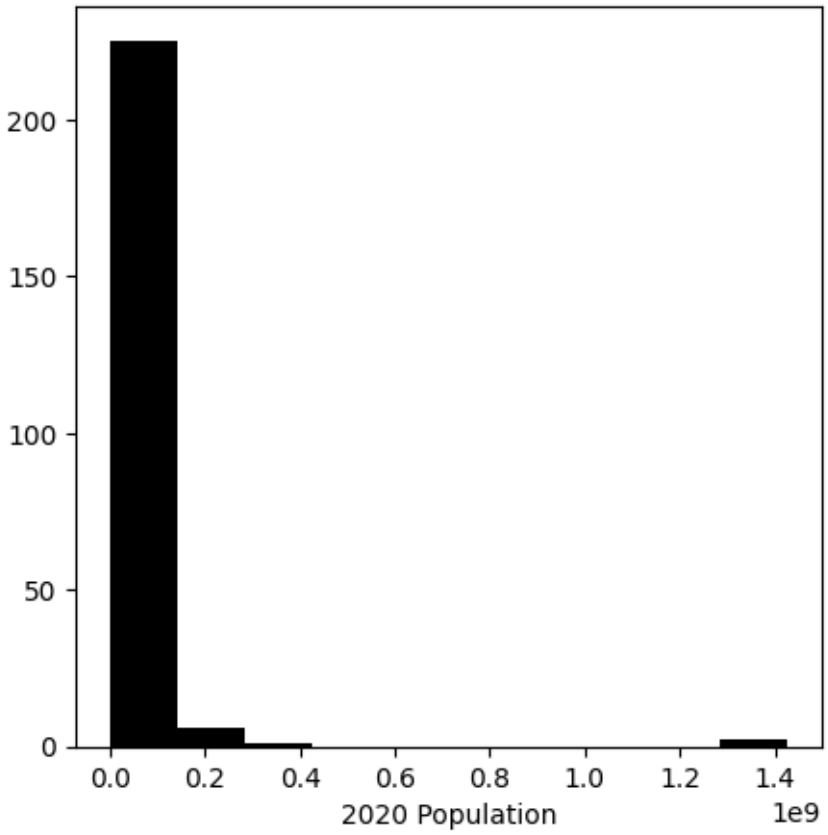
[ ]:
```
df.columns
```

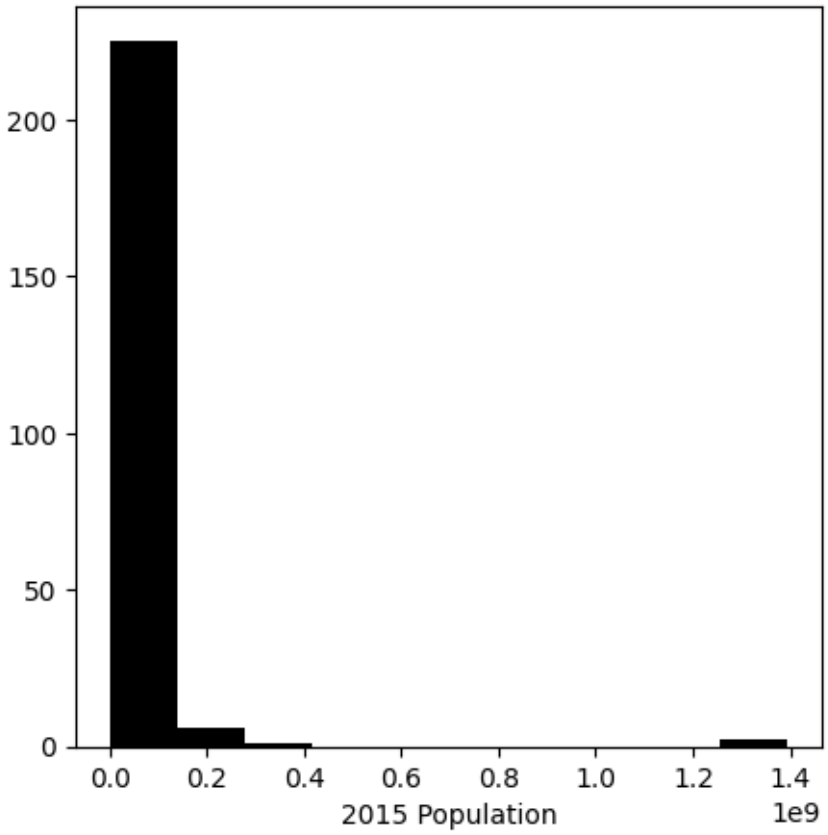
[ ]:
```
Index(['Country/Territory', '2022 Population', '2020 Population',
       '2015 Population', '2010 Population', '2000 Population',
       '1990 Population', '1980 Population', '1970 Population', 'Area (km²)',
       'Density (per km²)', 'Growth Rate', 'World Population Percentage'],
      dtype='object')
```

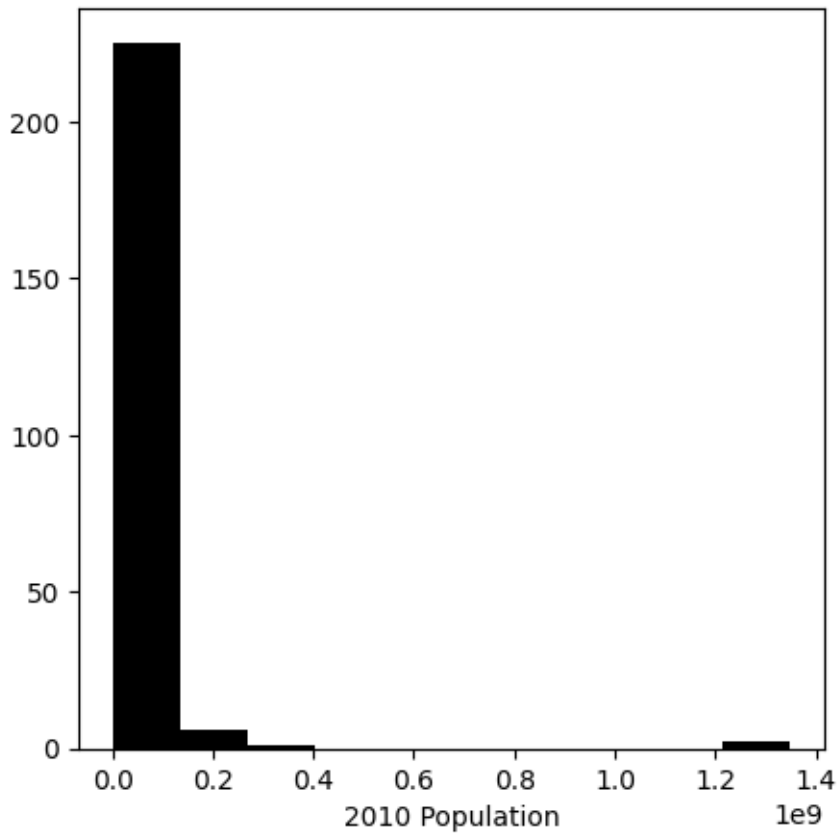
[ ]:
```
cols=['2022 Population', '2020 Population', '2015 Population', '2010␣
↪Population', '2000 Population', '1990 Population', '1980 Population', '1970␣
↪Population']
```

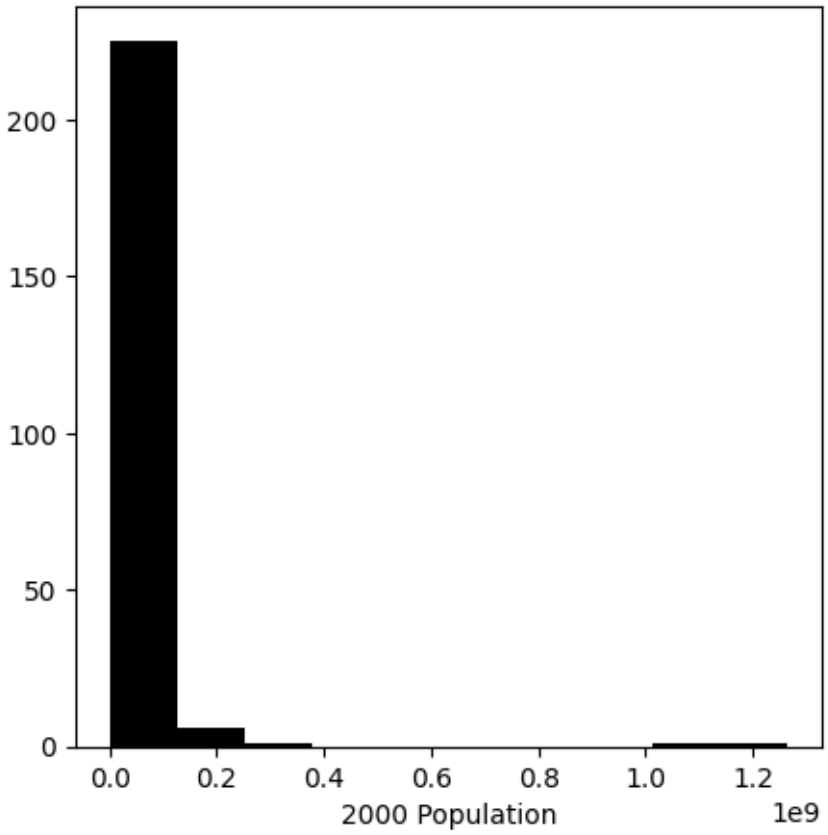
[ ]:
```
for i in cols:
        fig = plt.figure(figsize=(5,5))
        plt.hist(df[i],color='black',bins=10)
        plt.xlabel(i)
        plt.show()
```

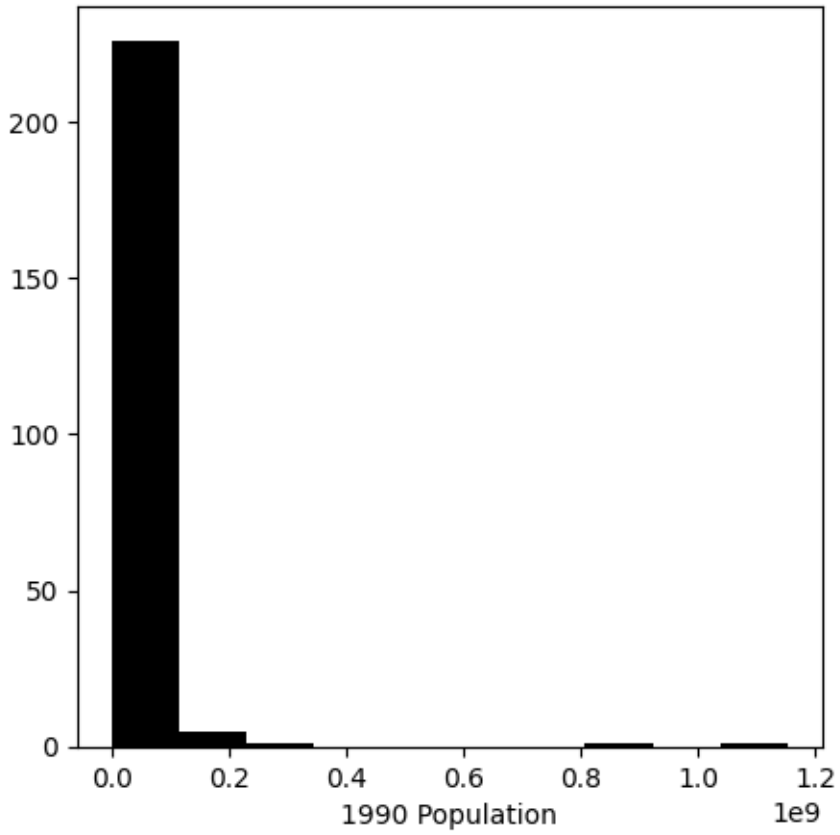


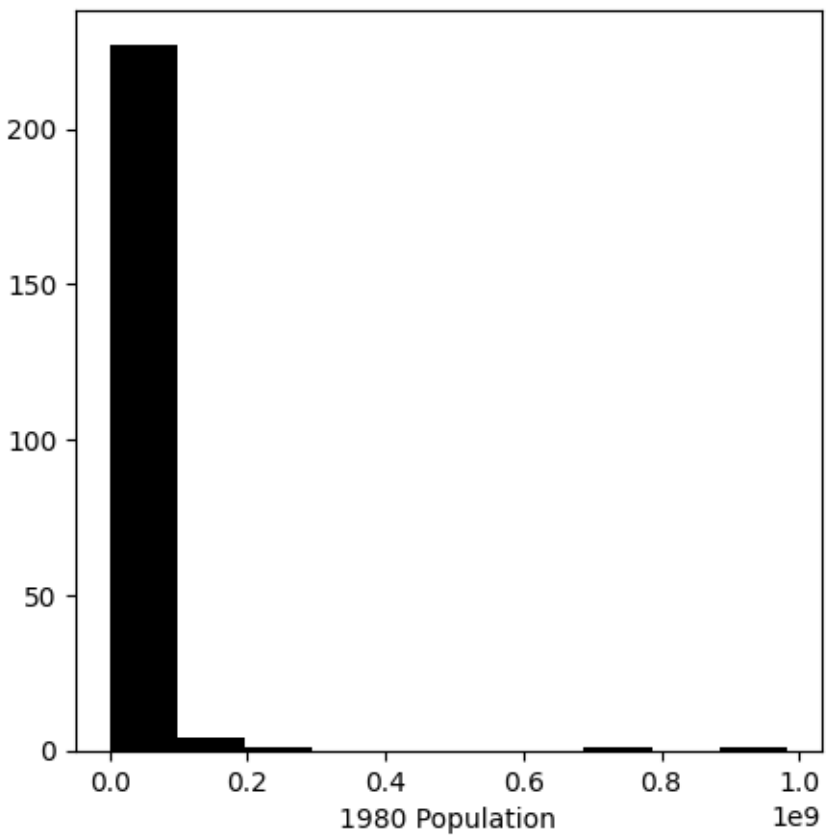

200
150
100
50
0
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
2020 Population
1e9

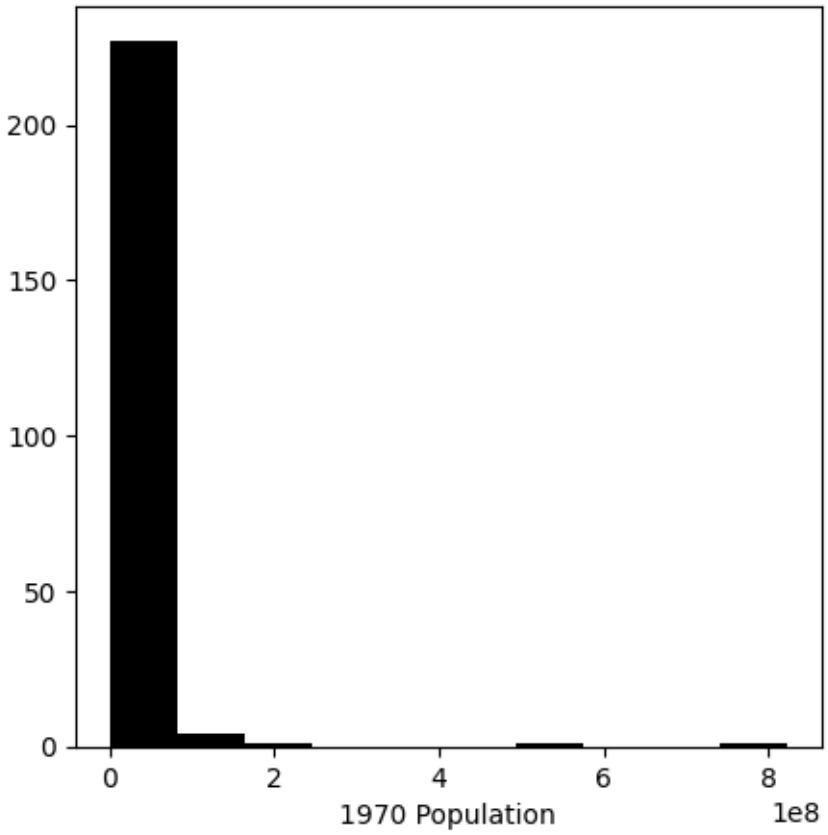

200
150
100
50
0
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
2015 Population
1e9


200
150
100
50
0
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
2010 Population
1e9


200
150
100
50
0
0.0
0.2
0.4
0.6
0.8
1.0
1.2
2000 Population
1e9


200
150
100
50
0
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1990 Population
1e9

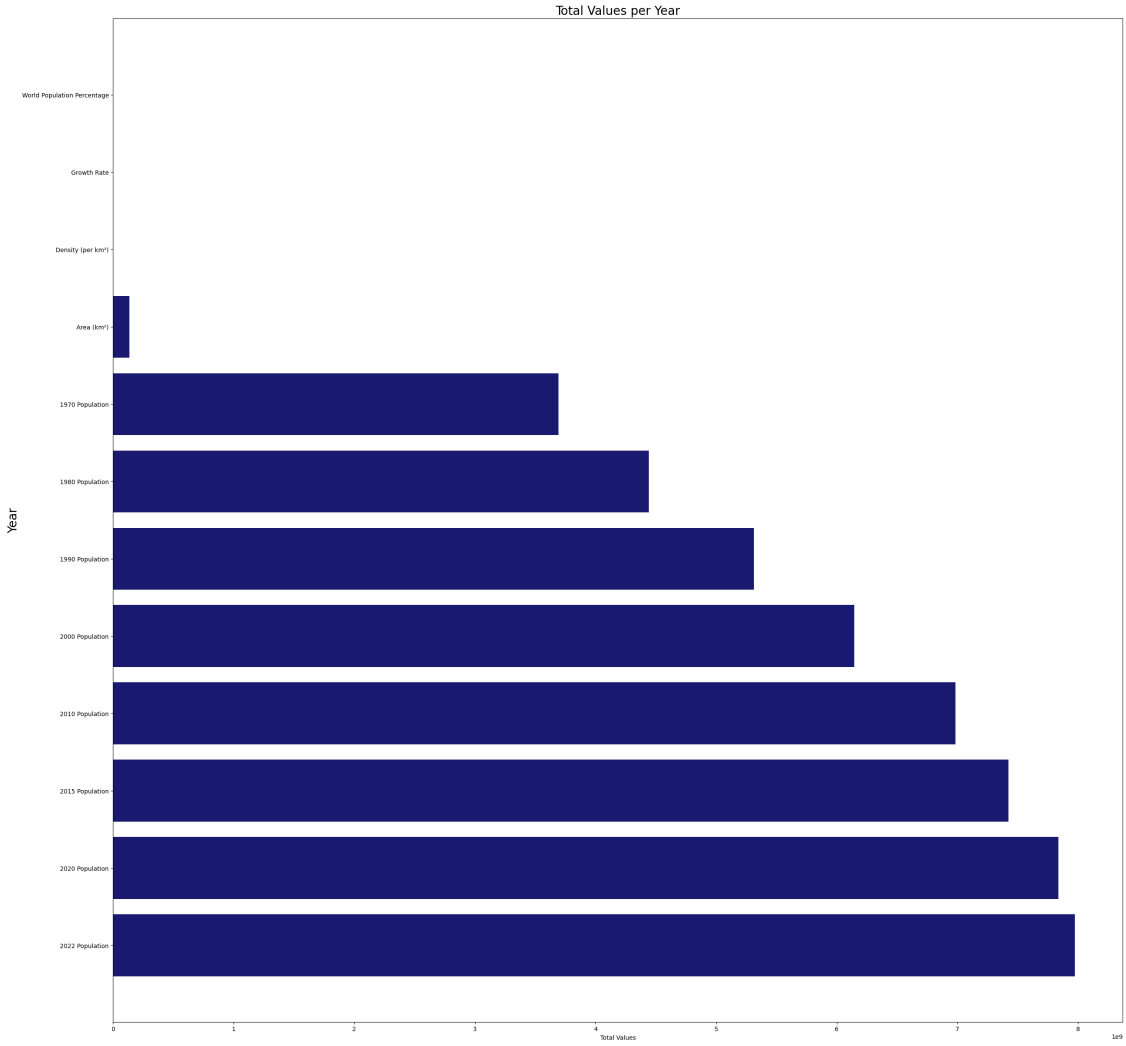

200
150
100
50
0
0.0
0.2
0.4
0.6
0.8
1.0
1980 Population
1e9



[ ]:
```
years = df.columns[1:]

total_values = df[years].sum()

plt.figure(figsize=(30, 30))
plt.barh(years, total_values,color='#191970')
plt.xlabel('Total Values')
plt.ylabel('Year', size=20)
plt.title('Total Values per Year', size=20)
plt.show()
```



[ ]:
```
Country_Territory_by_1970_Population = df.sort_values(by ='1970 Population').
↪head(30)
Country_Territory_by_1970_Population
```

[ ]:

	Country/Territory	2022 Population	2020 Population	\
226	Vatican City	510	520	
209	Tokelau	1871	1827	
64	Falkland Islands	3780	3747	
173	Saint Barthelemy	10967	10681	
150	Niue	1934	1942	
177	Saint Pierre and Miquelon	5862	5906	
215	Turks and Caicos Islands	45703	44276	
176	Saint Martin	31791	32552	
216	Tuvalu	11312	11069	
188	Sint Maarten	44175	43621	

6	Anguilla	15857	15585	
142	Nauru	12668	12315	
229	Wallis and Futuna	11572	11655	
28	British Virgin Islands	31305	30910	
153	Northern Mariana Islands	49551	49587	
37	Cayman Islands	68706	67311	
157	Palau	18055	17972	
137	Montserrat	4390	4500	
180	San Marino	33660	34007	
4	Andorra	79824	77700	
44	Cook Islands	17011	17029	
116	Liechtenstein	39327	38756	
126	Marshall Islands	41569	43413	
134	Monaco	36469	36922	
76	Gibraltar	32649	32709	
3	American Samoa	44273	46189	
130	Mayotte	326101	305587	
65	Faroe Islands	53090	52415	
174	Saint Kitts and Nevis	47657	47642	
78	Greenland	56466	56026	

	2015 Population	2010 Population	2000 Population	1990 Population	\
226	564	596	651	700	
209	1454	1367	1666	1669	
64	3408	3187	3080	2332	
173	9643	8988	7082	5168	
150	1847	1812	2074	2533	
177	5978	6052	6274	6324	
215	36538	29726	18744	11709	
176	35020	36458	29610	28127	
216	10877	10550	9638	9182	
188	40205	33034	30489	27845	
6	14525	13172	11047	8316	
142	11185	10241	10377	9598	
229	12182	13142	14723	13454	
28	29366	27556	20104	15617	
153	51514	54087	80338	48002	
37	60911	54074	39658	26027	
157	17794	18540	19726	15293	
137	5059	4938	5138	10805	
180	33570	31608	26823	23132	
4	71746	71519	66097	53569	
44	17695	17212	15897	17123	
116	37355	35926	33026	28765	
126	49410	53416	54224	46047	
134	36760	33178	32465	30329	
76	32520	31262	27741	27317	

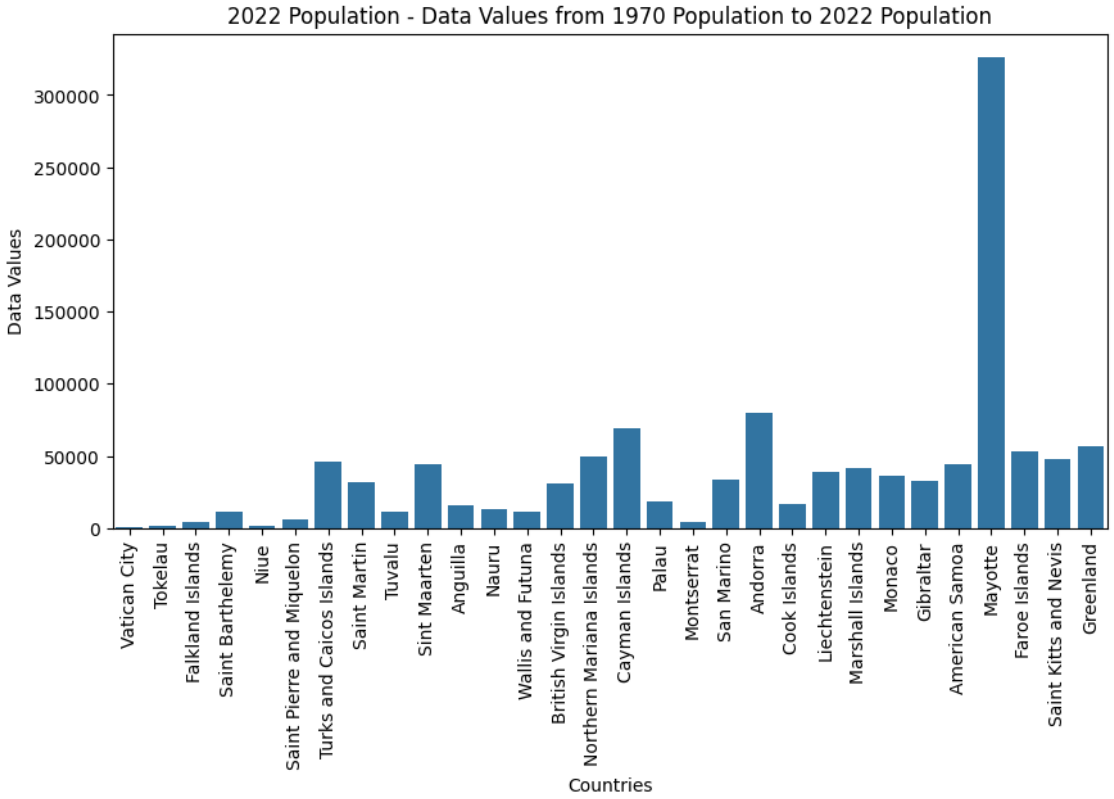
3	51368	54849	58230	47818
130	249545	211786	159215	92659
65	48816	48410	45660	47479
174	47790	47403	45461	40636
78	55895	56351	56184	55599

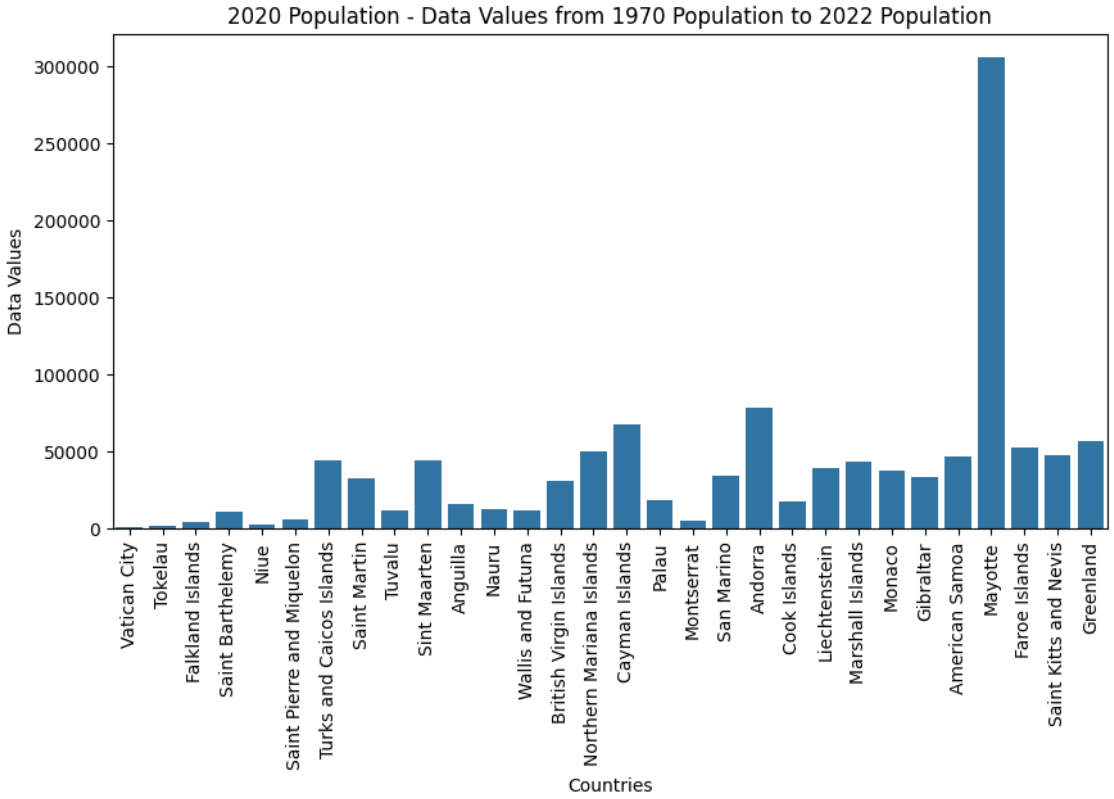
	1980 Population	1970 Population	Area (km^2)	Density (per km^2)	\
226	733	752	1	510.0000	
209	1647	1714	12	155.9167	
64	2240	2274	12173	0.3105	
173	2983	2417	21	522.2381	
150	3637	5185	260	7.4385	
177	6106	5537	242	24.2231	
215	7598	5665	948	48.2099	
176	7776	5802	53	599.8302	
216	7731	5814	26	435.0769	
188	12243	6260	34	1299.2647	
6	6560	6283	91	174.2527	
142	7635	6663	21	603.2381	
229	11315	9377	142	81.4930	
28	11109	9581	151	207.3179	
153	17613	10143	464	106.7909	
37	17100	10533	264	260.2500	
157	12252	11366	459	39.3355	
137	11452	11402	102	43.0392	
180	21346	18169	61	551.8033	
4	35611	19860	468	170.5641	
44	17651	20470	236	72.0805	
116	25003	21089	160	245.7937	
126	31988	23969	181	229.6630	
134	27076	24270	2	18234.5000	
76	28734	26685	6	5441.5000	
3	32886	27075	199	222.4774	
130	52233	35383	374	871.9278	
65	43054	38416	1393	38.1120	
174	43097	44968	261	182.5939	
78	50106	45434	2166086	0.0261	

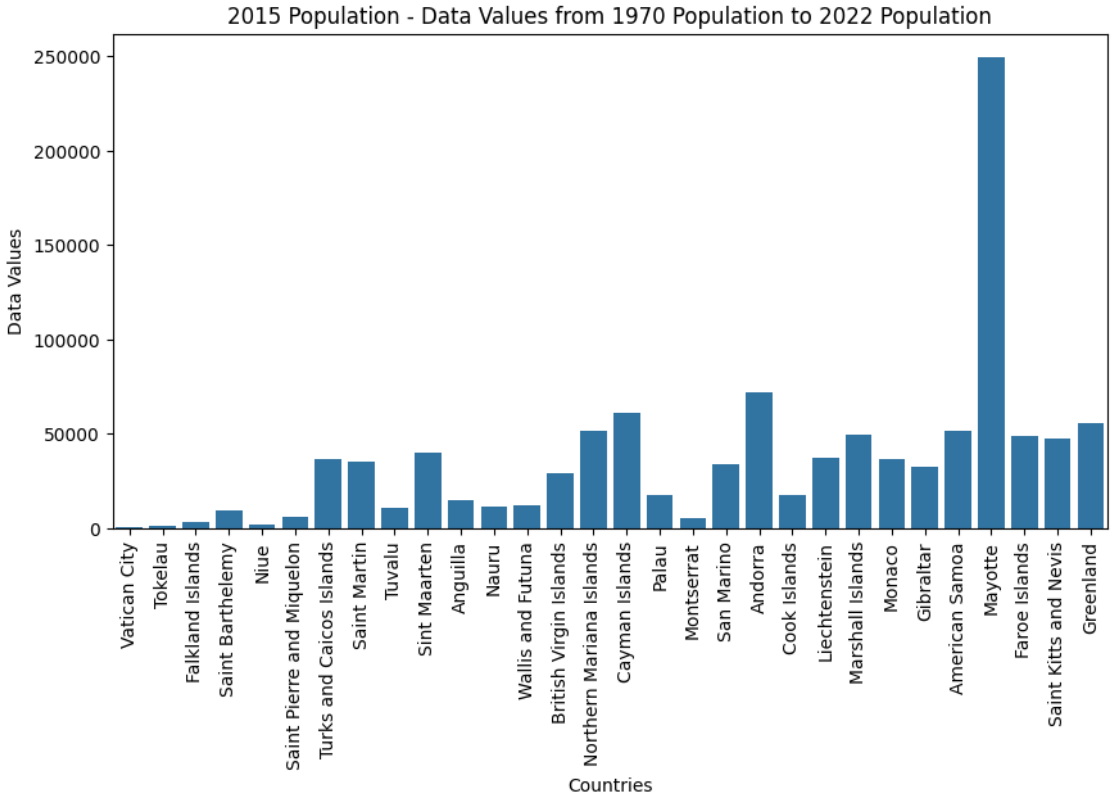
	Growth Rate	World Population Percentage
226	0.9980	0.0
209	1.0119	0.0
64	1.0043	0.0
173	1.0098	0.0
150	0.9985	0.0
177	0.9964	0.0
215	1.0131	0.0
176	0.9951	0.0

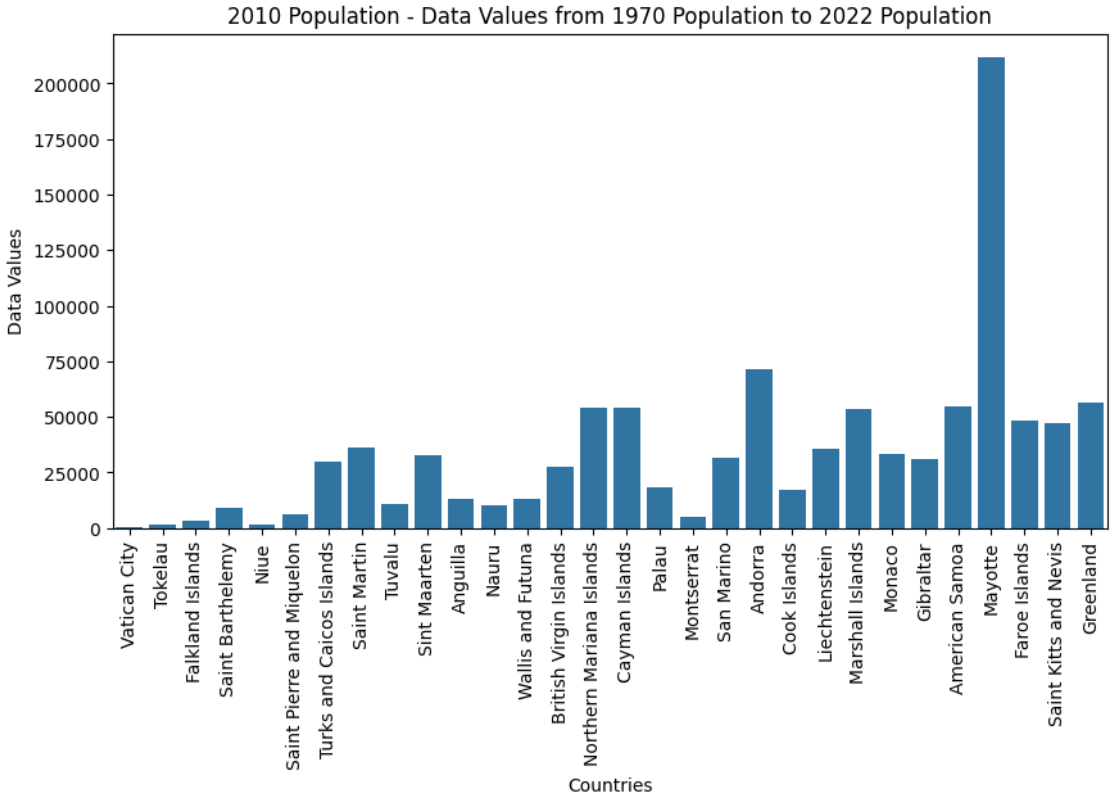
```
216       1.0096                        0.0
188       1.0030                        0.0
6         1.0066                        0.0
142       1.0125                        0.0
229       0.9953                        0.0
28        1.0059                        0.0
153       1.0014                        0.0
37        1.0084                        0.0
157       1.0017                        0.0
137       0.9939                        0.0
180       0.9975                        0.0
4         1.0100                        0.0
44        1.0005                        0.0
116       1.0074                        0.0
126       0.9886                        0.0
134       0.9941                        0.0
76        0.9994                        0.0
3         0.9831                        0.0
130       1.0319                        0.0
65        1.0038                        0.0
174       1.0011                        0.0
78        1.0040                        0.0
```

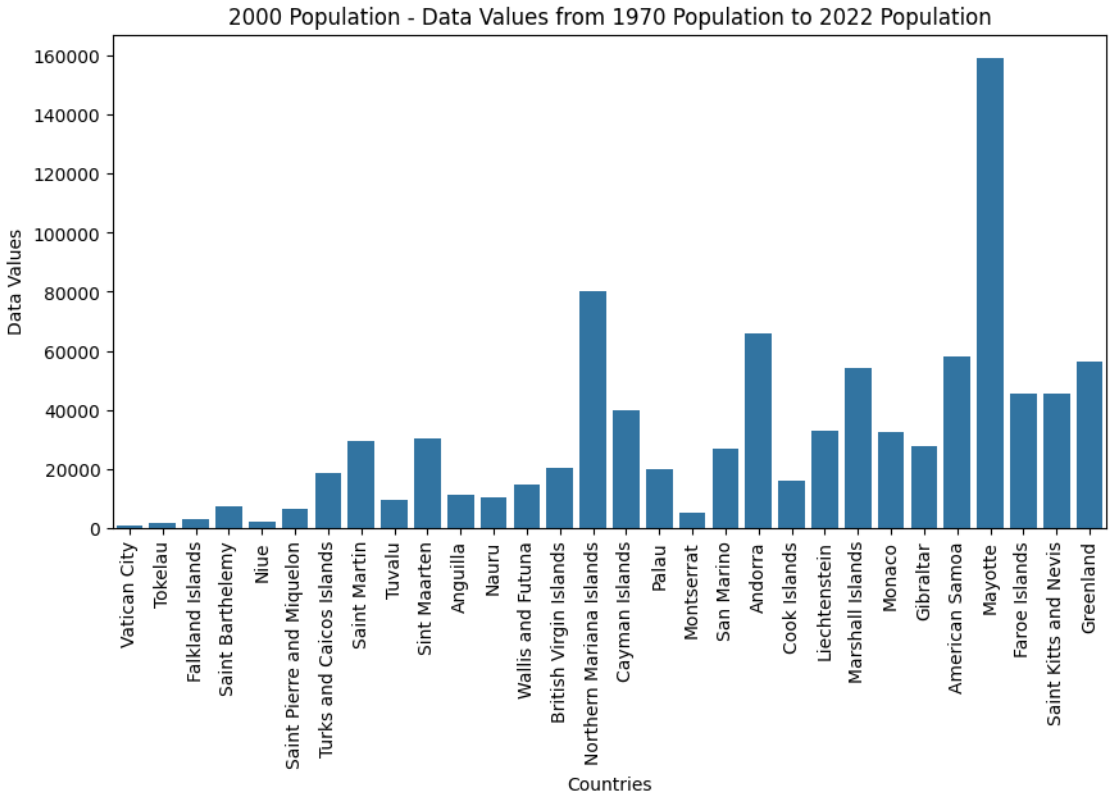
[ ]:
```
Country_Territory_by_1970_Population_t = Country_Territory_by_1970_Population.
 ↪set_index('Country/Territory').T
for country_Territory, data_values in Country_Territory_by_1970_Population_t.
 ↪iterrows():
    fig = plt.figure(figsize=(10, 5))
    sns.barplot(x=data_values.index, y=data_values.values)
    plt.xlabel('Countries')
    plt.ylabel('Data Values')
    plt.title(f"{country_Territory} - Data Values from 1970 Population to 2022␣
 ↪Population")
    plt.xticks(rotation=90)
    plt.show()
```

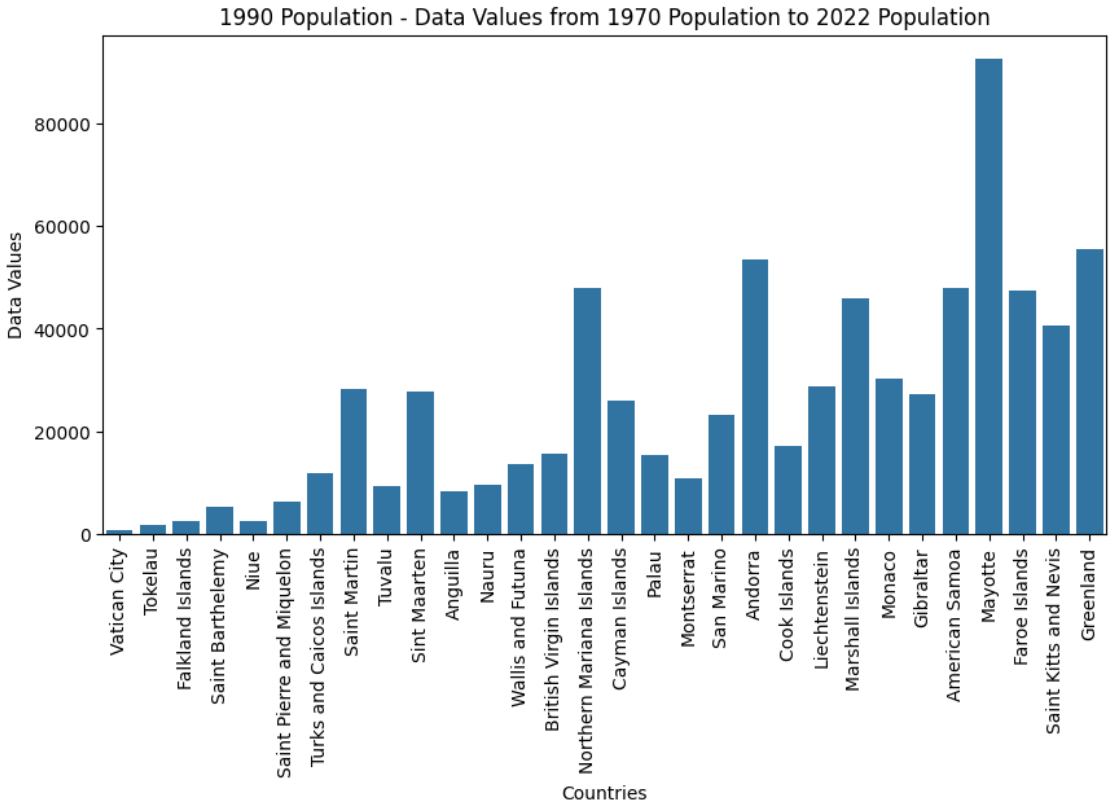

2022 Population - Data Values from 1970 Population to 2022 Population
Data Values
0
50000
100000
150000
200000
250000
300000
Vatican City
Tokelau
Falkland Islands
Saint Barthelemy
Niue
Saint Pierre and Miquelon
Turks and Caicos Islands
Saint Martin
Tuvalu
Sint Maarten
Anguilla
Nauru
Wallis and Futuna
British Virgin Islands
Northern Mariana Islands
Cayman Islands
Palau
Montserrat
San Marino
Andorra
Cook Islands
Liechtenstein
Marshall Islands
Monaco
Gibraltar
American Samoa
Mayotte
Faroe Islands
Saint Kitts and Nevis
Greenland
Countries

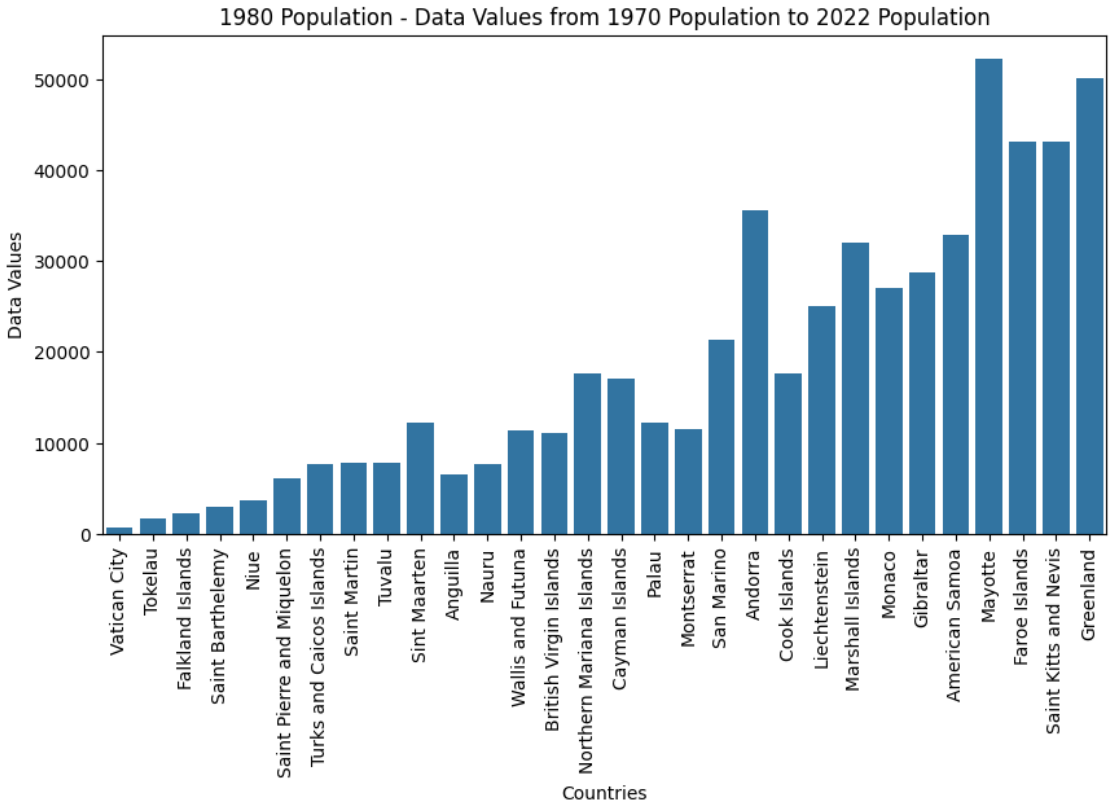

2020 Population - Data Values from 1970 Population to 2022 Population
Data Values
300000
250000
200000
150000
100000
50000
0
Vatican City
Tokelau
Falkland Islands
Saint Barthelemy
Niue
Saint Pierre and Miquelon
Turks and Caicos Islands
Saint Martin
Tuvalu
Sint Maarten
Anguilla
Nauru
Wallis and Futuna
British Virgin Islands
Northern Mariana Islands
Cayman Islands
Palau
Montserrat
San Marino
Andorra
Cook Islands
Liechtenstein
Marshall Islands
Monaco
Gibraltar
American Samoa
Mayotte
Faroe Islands
Saint Kitts and Nevis
Greenland
Countries

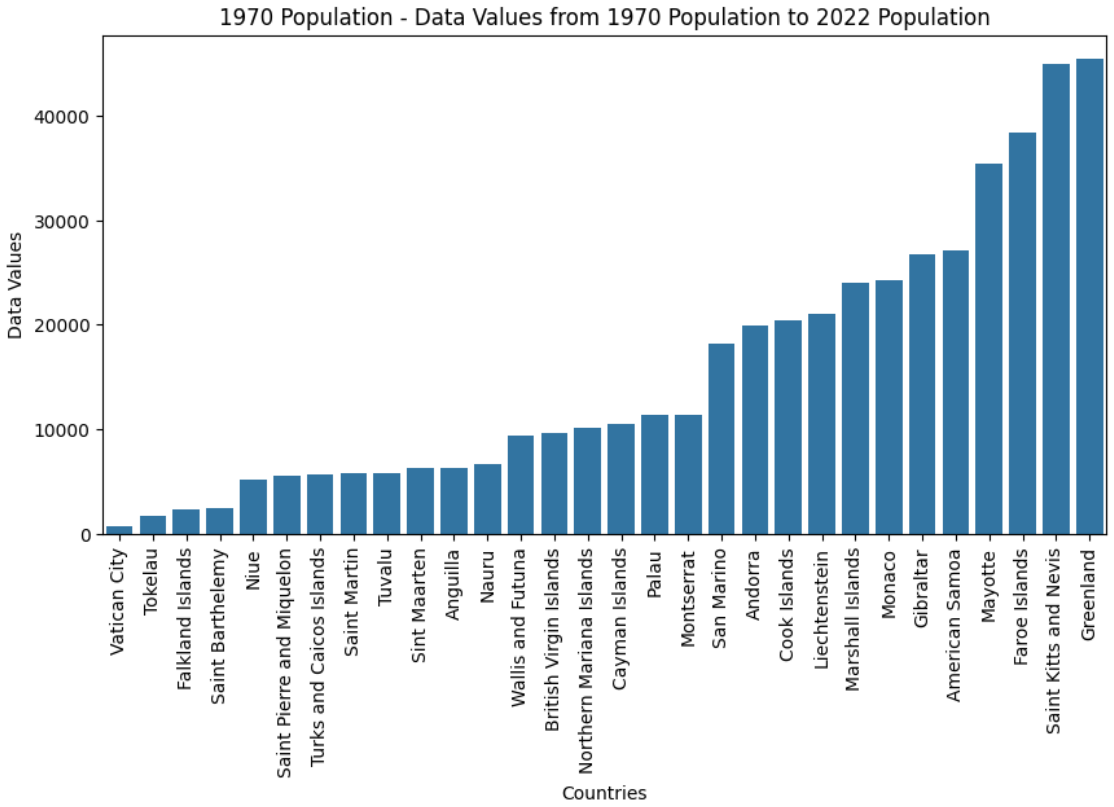

2015 Population - Data Values from 1970 Population to 2022 Population
Data Values
250000
200000
150000
100000
50000
0
Vatican City
Tokelau
Falkland Islands
Saint Barthelemy
Niue
Saint Pierre and Miquelon
Turks and Caicos Islands
Saint Martin
Tuvalu
Sint Maarten
Anguilla
Nauru
Wallis and Futuna
British Virgin Islands
Northern Mariana Islands
Cayman Islands
Palau
Montserrat
San Marino
Andorra
Cook Islands
Liechtenstein
Marshall Islands
Monaco
Gibraltar
American Samoa
Mayotte
Faroe Islands
Saint Kitts and Nevis
Greenland
Countries

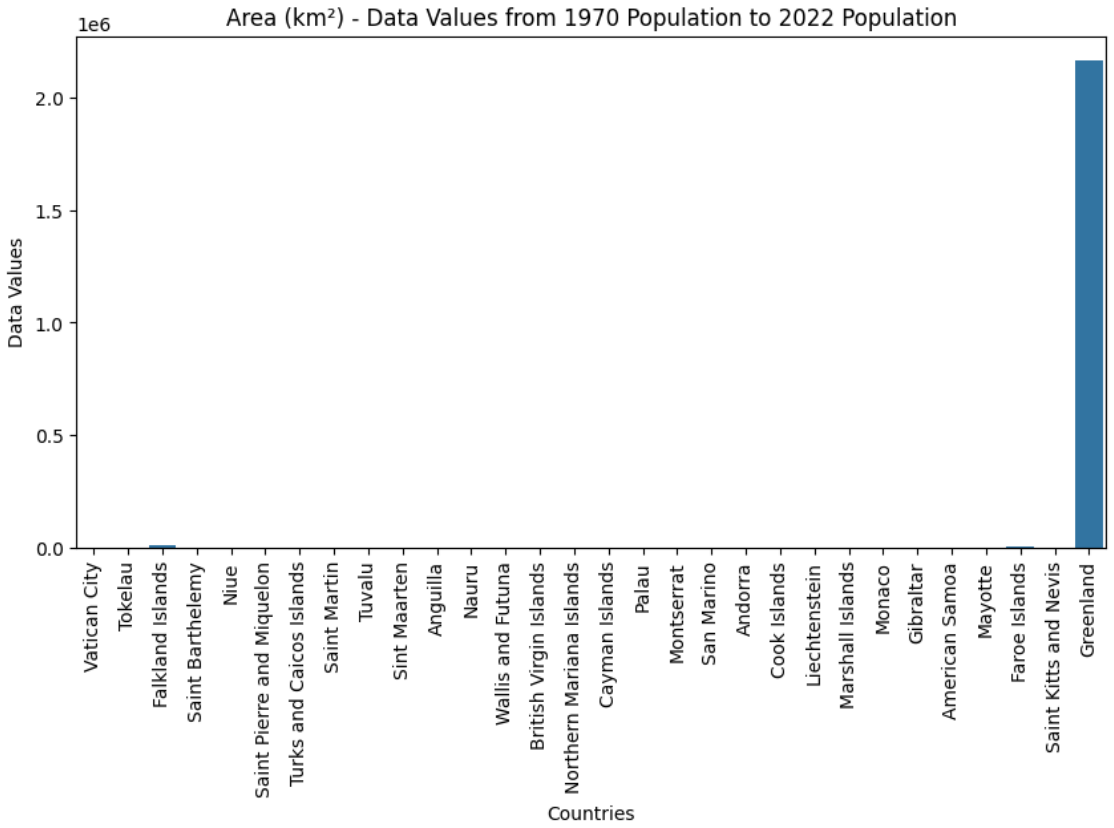

2010 Population - Data Values from 1970 Population to 2022 Population
Data Values
200000
175000
150000
125000
100000
75000
50000
25000
0
Vatican City
Tokelau
Falkland Islands
Saint Barthelemy
Niue
Saint Pierre and Miquelon
Turks and Caicos Islands
Saint Martin
Tuvalu
Sint Maarten
Anguilla
Nauru
Wallis and Futuna
British Virgin Islands
Northern Mariana Islands
Cayman Islands
Palau
Montserrat
San Marino
Andorra
Cook Islands
Liechtenstein
Marshall Islands
Monaco
Gibraltar
American Samoa
Mayotte
Faroe Islands
Saint Kitts and Nevis
Greenland
Countries


2000 Population - Data Values from 1970 Population to 2022 Population
Data Values
0
20000
40000
60000
80000
100000
120000
140000
160000
Vatican City
Tokelau
Falkland Islands
Saint Barthelemy
Niue
Saint Pierre and Miquelon
Turks and Caicos Islands
Saint Martin
Tuvalu
Sint Maarten
Anguilla
Nauru
Wallis and Futuna
British Virgin Islands
Northern Mariana Islands
Cayman Islands
Palau
Montserrat
San Marino
Andorra
Cook Islands
Liechtenstein
Marshall Islands
Monaco
Gibraltar
American Samoa
Mayotte
Faroe Islands
Saint Kitts and Nevis
Greenland
Countries


1990 Population - Data Values from 1970 Population to 2022 Population
Data Values
0
20000
40000
60000
80000
Vatican City
Tokelau
Falkland Islands
Saint Barthelemy
Niue
Saint Pierre and Miquelon
Turks and Caicos Islands
Saint Martin
Tuvalu
Sint Maarten
Anguilla
Nauru
Wallis and Futuna
British Virgin Islands
Northern Mariana Islands
Cayman Islands
Palau
Montserrat
San Marino
Andorra
Cook Islands
Liechtenstein
Marshall Islands
Monaco
Gibraltar
American Samoa
Mayotte
Faroe Islands
Saint Kitts and Nevis
Greenland
Countries


1980 Population - Data Values from 1970 Population to 2022 Population
Data Values
0
10000
20000
30000
40000
50000
Countries
Vatican City
Tokelau
Falkland Islands
Saint Barthelemy
Niue
Saint Pierre and Miquelon
Turks and Caicos Islands
Saint Martin
Tuvalu
Sint Maarten
Anguilla
Nauru
Wallis and Futuna
British Virgin Islands
Northern Mariana Islands
Cayman Islands
Palau
Montserrat
San Marino
Andorra
Cook Islands
Liechtenstein
Marshall Islands
Monaco
Gibraltar
American Samoa
Mayotte
Faroe Islands
Saint Kitts and Nevis
Greenland


1970 Population - Data Values from 1970 Population to 2022 Population
Data Values
0
10000
20000
30000
40000
Vatican City
Tokelau
Falkland Islands
Saint Barthelemy
Niue
Saint Pierre and Miquelon
Turks and Caicos Islands
Saint Martin
Tuvalu
Sint Maarten
Anguilla
Nauru
Wallis and Futuna
British Virgin Islands
Northern Mariana Islands
Cayman Islands
Palau
Montserrat
San Marino
Andorra
Cook Islands
Liechtenstein
Marshall Islands
Monaco
Gibraltar
American Samoa
Mayotte
Faroe Islands
Saint Kitts and Nevis
Greenland
Countries


Area (km²) - Data Values from 1970 Population to 2022 Population
1e6
2.0
1.5
1.0
0.5
0.0
Data Values
Vatican City
Tokelau
Falkland Islands
Saint Barthelemy
Niue
Saint Pierre and Miquelon
Turks and Caicos Islands
Saint Martin
Tuvalu
Sint Maarten
Anguilla
Nauru
Wallis and Futuna
British Virgin Islands
Northern Mariana Islands
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San Marino
Andorra
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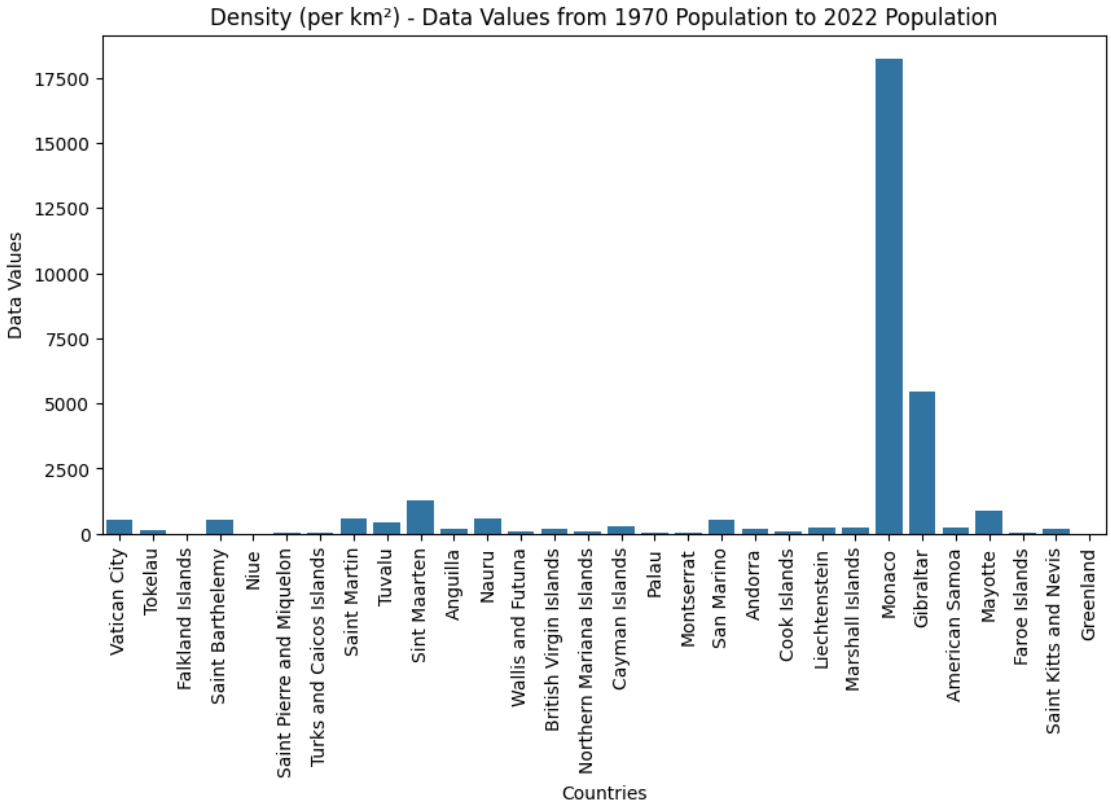
Liechtenstein
Marshall Islands
Monaco
Gibraltar
American Samoa
Mayotte
Faroe Islands
Saint Kitts and Nevis
Greenland
Countries


Density (per km²) - Data Values from 1970 Population to 2022 Population
Data Values
17500
15000
12500
10000
7500
5000
2500
0
Vatican City
Tokelau
Falkland Islands
Saint Barthelemy
Niue
Saint Pierre and Miquelon
Turks and Caicos Islands
Saint Martin
Tuvalu
Sint Maarten
Anguilla
Nauru
Wallis and Futuna
British Virgin Islands
Northern Mariana Islands
Cayman Islands
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Montserrat
San Marino
Andorra
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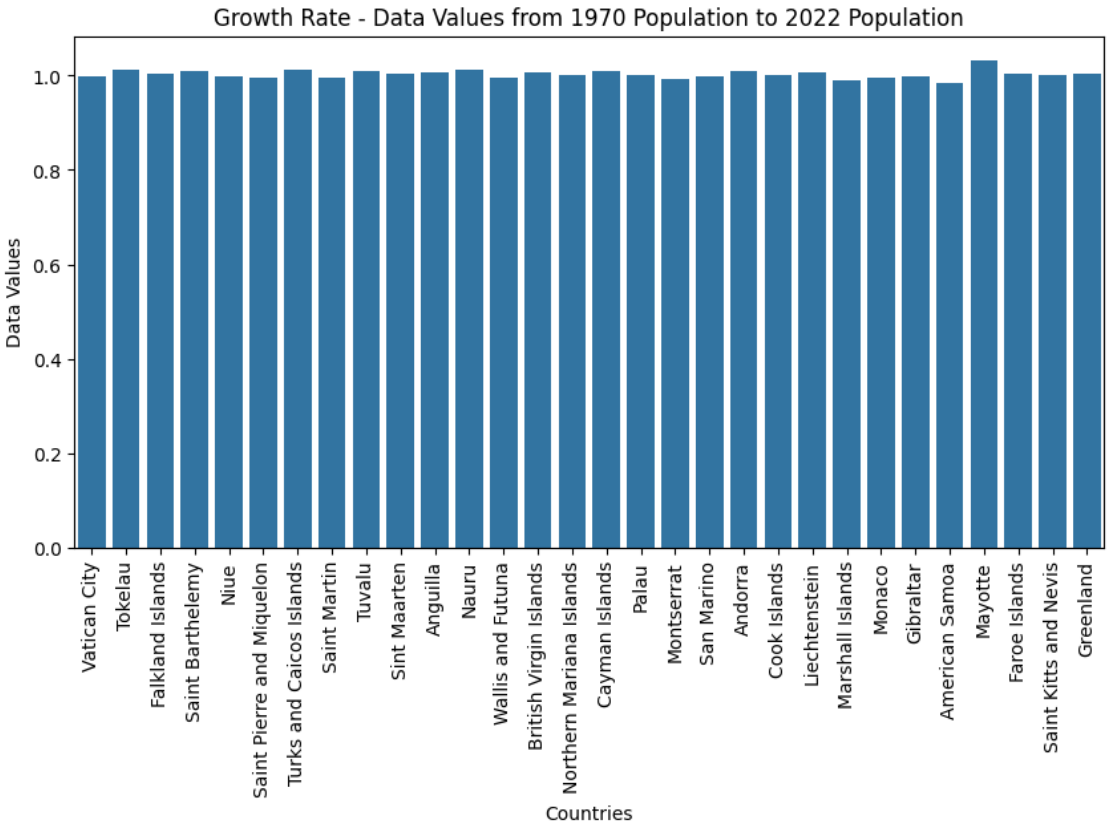
Liechtenstein
Marshall Islands
Monaco
Gibraltar
American Samoa
Mayotte
Faroe Islands
Saint Kitts and Nevis
Greenland
Countries


Growth Rate - Data Values from 1970 Population to 2022 Population
Data Values
0.0
0.2
0.4
0.6
0.8
1.0
Countries
Vatican City
Tokelau
Falkland Islands
Saint Barthelemy
Niue
Saint Pierre and Miquelon
Turks and Caicos Islands
Saint Martin
Tuvalu
Sint Maarten
Anguilla
Nauru
Wallis and Futuna
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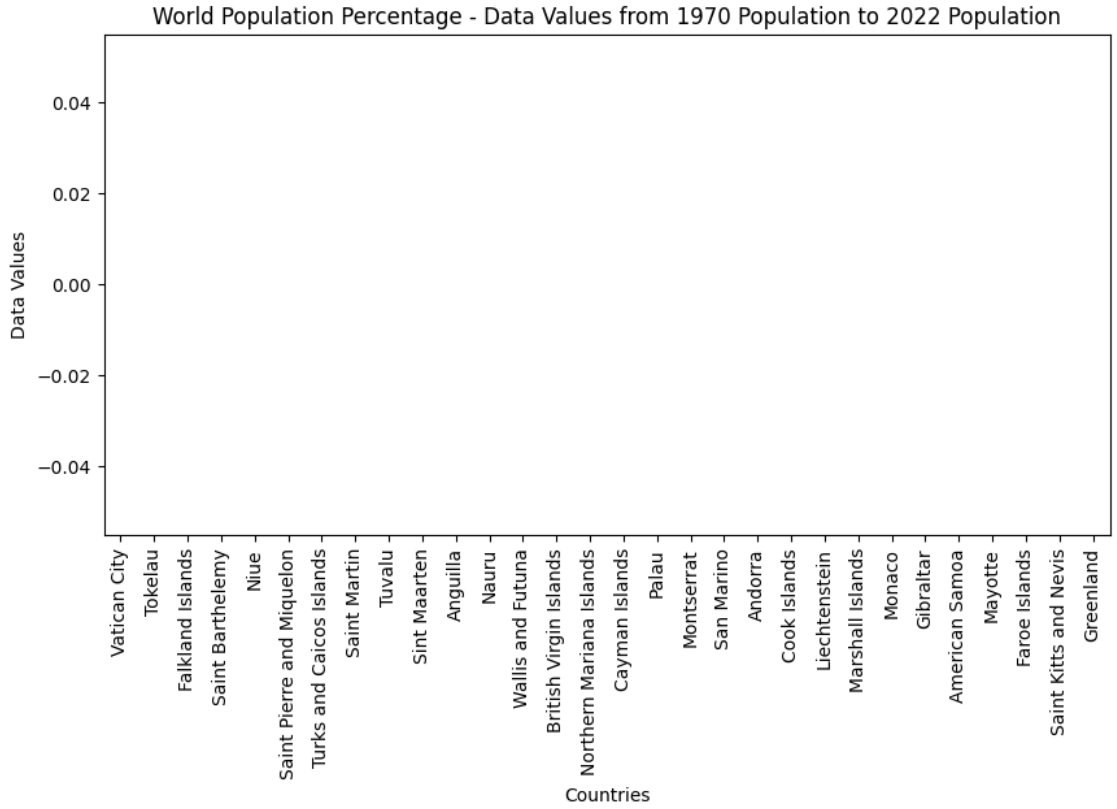
Saint Kitts and Nevis
Greenland



[ ]:
```
Country_Territory_by_2022_Population = df.sort_values(by ='2022 Population').
↪head(30)
Country_Territory_by_2022_Population
```

[ ]:

	Country/Territory	2022 Population	2020 Population	\
226	Vatican City	510	520	
209	Tokelau	1871	1827	
150	Niue	1934	1942	
64	Falkland Islands	3780	3747	
137	Montserrat	4390	4500	
177	Saint Pierre and Miquelon	5862	5906	
173	Saint Barthelemy	10967	10681	
216	Tuvalu	11312	11069	
229	Wallis and Futuna	11572	11655	
142	Nauru	12668	12315	
6	Anguilla	15857	15585	
44	Cook Islands	17011	17029	
157	Palau	18055	17972	
28	British Virgin Islands	31305	30910	
176	Saint Martin	31791	32552	
76	Gibraltar	32649	32709	

180	San Marino	33660	34007
134	Monaco	36469	36922
116	Liechtenstein	39327	38756
126	Marshall Islands	41569	43413
188	Sint Maarten	44175	43621
3	American Samoa	44273	46189
215	Turks and Caicos Islands	45703	44276
174	Saint Kitts and Nevis	47657	47642
153	Northern Mariana Islands	49551	49587
65	Faroe Islands	53090	52415
78	Greenland	56466	56026
83	Guernsey	63301	62794
22	Bermuda	64184	64031
37	Cayman Islands	68706	67311

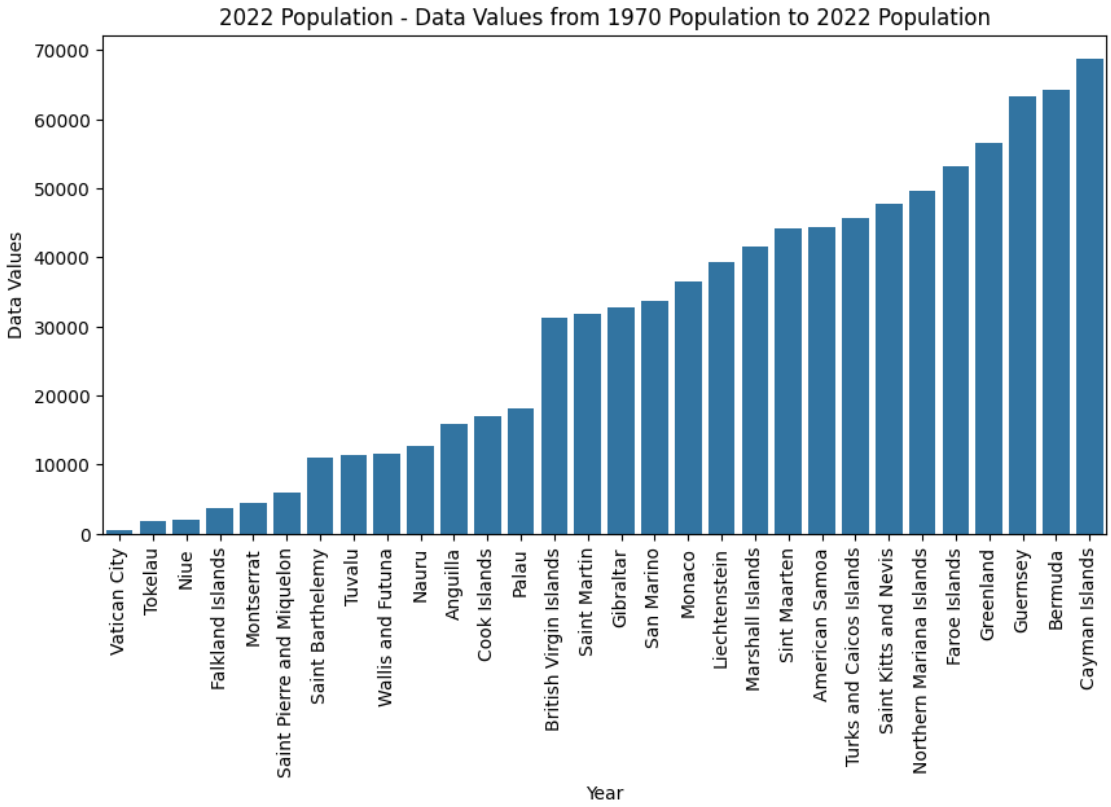
	2015 Population	2010 Population	2000 Population	1990 Population	\
226	564	596	651	700	
209	1454	1367	1666	1669	
150	1847	1812	2074	2533	
64	3408	3187	3080	2332	
137	5059	4938	5138	10805	
177	5978	6052	6274	6324	
173	9643	8988	7082	5168	
216	10877	10550	9638	9182	
229	12182	13142	14723	13454	
142	11185	10241	10377	9598	
6	14525	13172	11047	8316	
44	17695	17212	15897	17123	
157	17794	18540	19726	15293	
28	29366	27556	20104	15617	
176	35020	36458	29610	28127	
76	32520	31262	27741	27317	
180	33570	31608	26823	23132	
134	36760	33178	32465	30329	
116	37355	35926	33026	28765	
126	49410	53416	54224	46047	
188	40205	33034	30489	27845	
3	51368	54849	58230	47818	
215	36538	29726	18744	11709	
174	47790	47403	45461	40636	
153	51514	54087	80338	48002	
65	48816	48410	45660	47479	
78	55895	56351	56184	55599	
83	61629	60782	59114	57727	
22	63144	63447	61371	57470	
37	60911	54074	39658	26027	

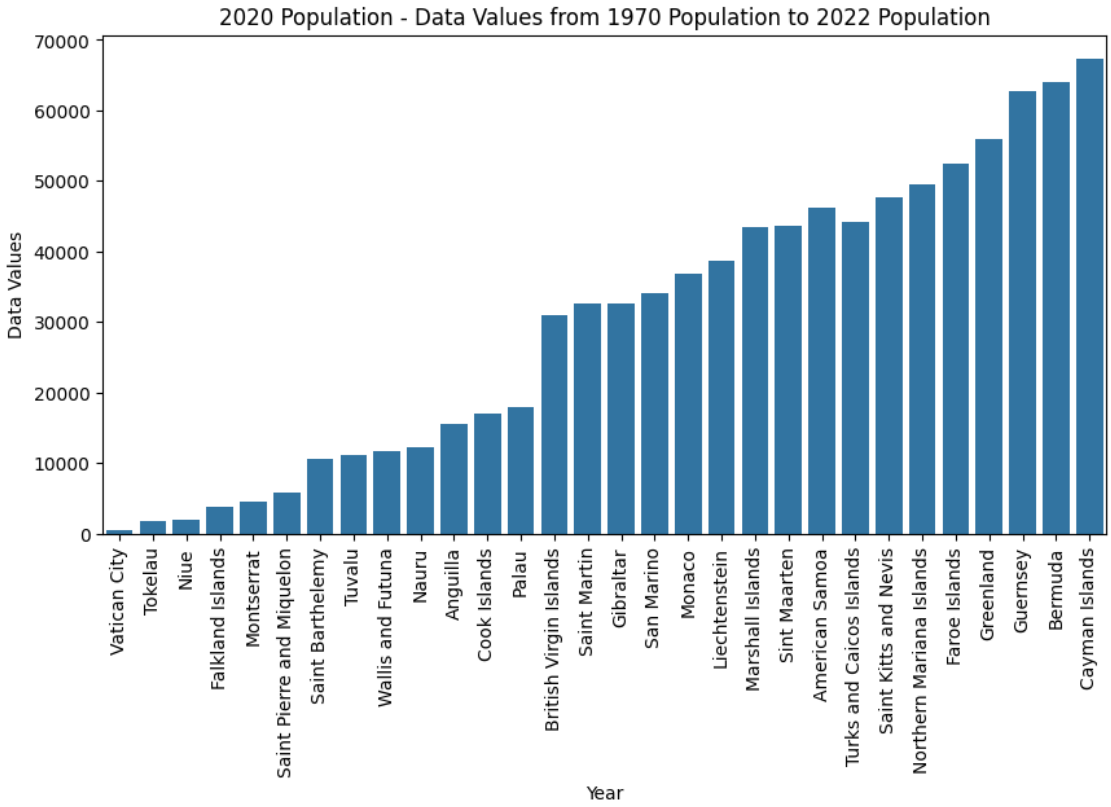
	1980 Population	1970 Population	Area (km²)	Density (per km²)	\
226	733	752	1	510.0000	
209	1647	1714	12	155.9167	
150	3637	5185	260	7.4385	
64	2240	2274	12173	0.3105	
137	11452	11402	102	43.0392	
177	6106	5537	242	24.2231	
173	2983	2417	21	522.2381	
216	7731	5814	26	435.0769	
229	11315	9377	142	81.4930	
142	7635	6663	21	603.2381	
6	6560	6283	91	174.2527	
44	17651	20470	236	72.0805	
157	12252	11366	459	39.3355	
28	11109	9581	151	207.3179	
176	7776	5802	53	599.8302	
76	28734	26685	6	5441.5000	
180	21346	18169	61	551.8033	
134	27076	24270	2	18234.5000	
116	25003	21089	160	245.7937	
126	31988	23969	181	229.6630	
188	12243	6260	34	1299.2647	
3	32886	27075	199	222.4774	
215	7598	5665	948	48.2099	
174	43097	44968	261	182.5939	
153	17613	10143	464	106.7909	
65	43054	38416	1393	38.1120	
78	50106	45434	2166086	0.0261	
83	52860	52656	78	811.5513	
22	53565	52019	54	1188.5926	
37	17100	10533	264	260.2500	

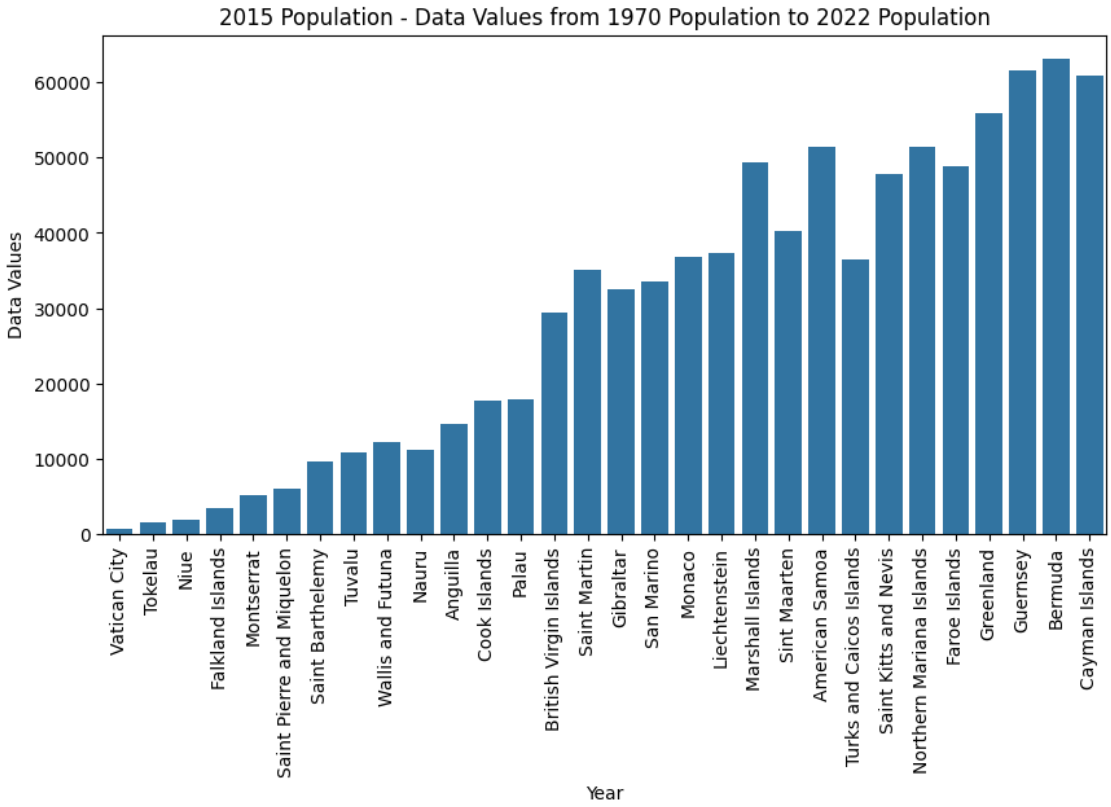
	Growth Rate	World Population Percentage
226	0.9980	0.0
209	1.0119	0.0
150	0.9985	0.0
64	1.0043	0.0
137	0.9939	0.0
177	0.9964	0.0
173	1.0098	0.0
216	1.0096	0.0
229	0.9953	0.0
142	1.0125	0.0
6	1.0066	0.0
44	1.0005	0.0
157	1.0017	0.0
28	1.0059	0.0

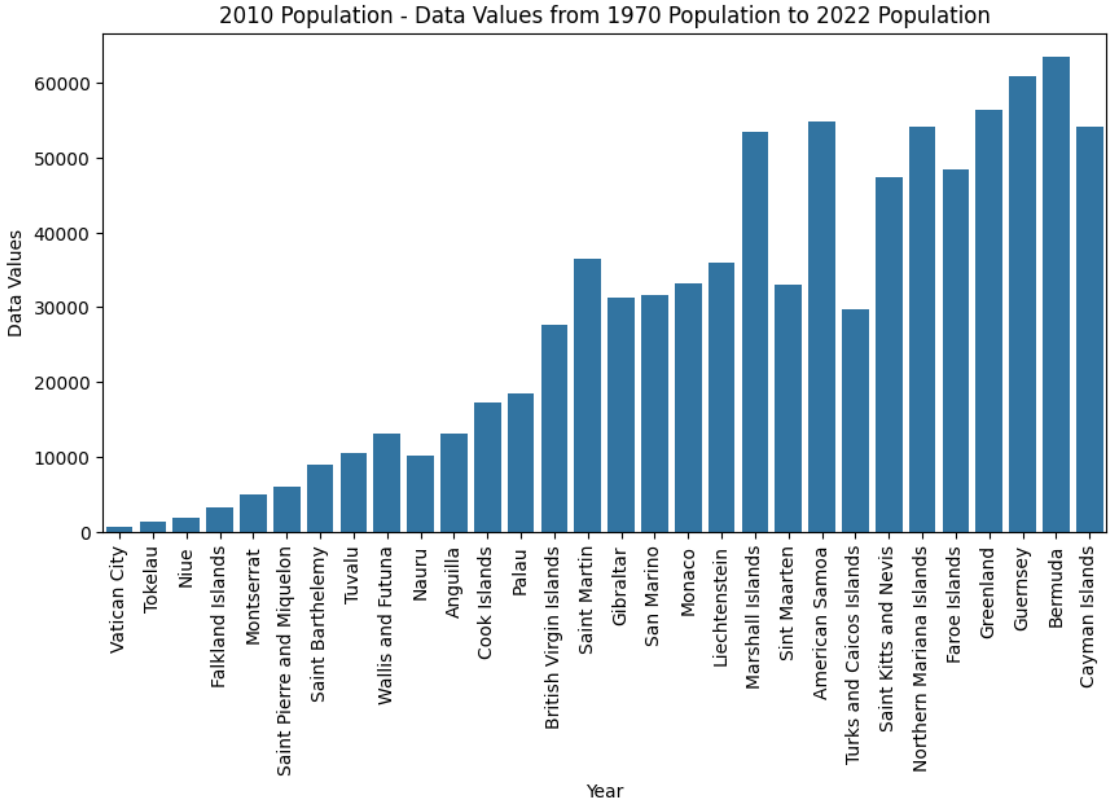
```
176       0.9951                        0.0
76        0.9994                        0.0
180       0.9975                        0.0
134       0.9941                        0.0
116       1.0074                        0.0
126       0.9886                        0.0
188       1.0030                        0.0
3         0.9831                        0.0
215       1.0131                        0.0
174       1.0011                        0.0
153       1.0014                        0.0
65        1.0038                        0.0
78        1.0040                        0.0
83        1.0037                        0.0
22        1.0000                        0.0
37        1.0084                        0.0
```

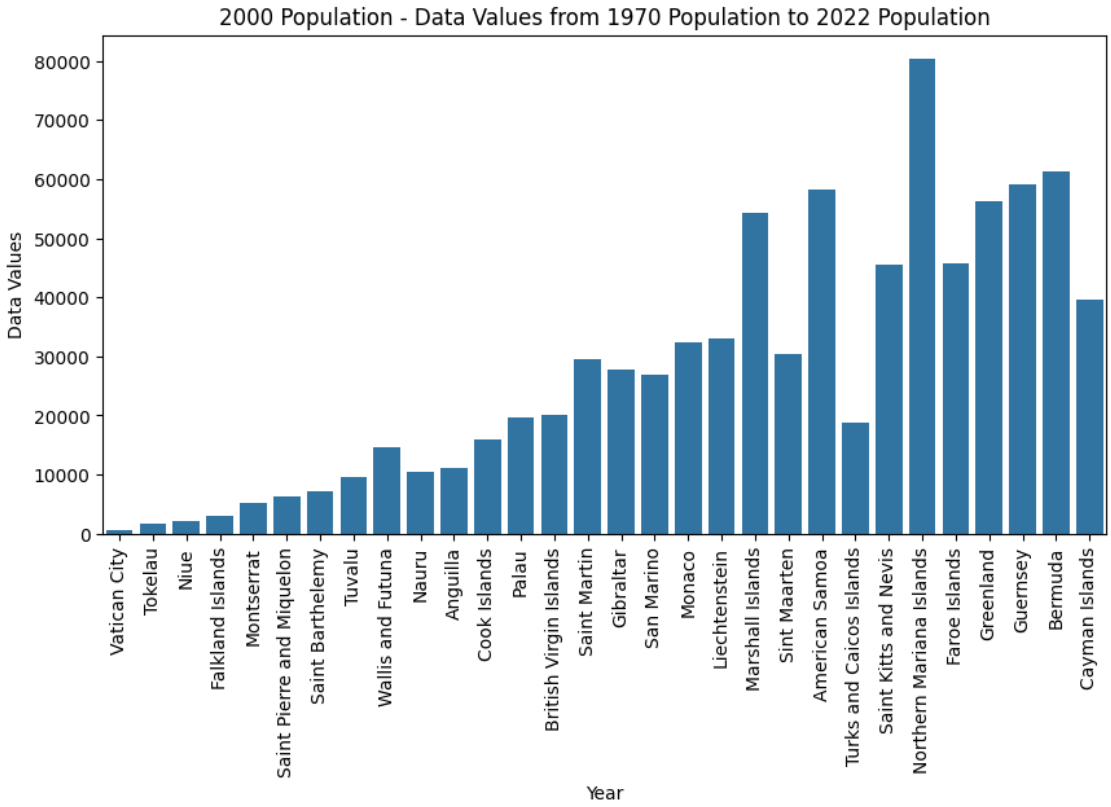
[ ]:
```
Country_Territory_by_2022_Population_t = Country_Territory_by_2022_Population.
 ↪set_index('Country/Territory').T
for country_Territory, data_values in Country_Territory_by_2022_Population_t.
 ↪iterrows():
    fig = plt.figure(figsize=(10, 5))
    sns.barplot(x=data_values.index, y=data_values.values)
    plt.xlabel('Year')
    plt.ylabel('Data Values')
    plt.title(f"{country_Territory} - Data Values from 1970 Population to 2022␣
 ↪Population")
    plt.xticks(rotation=90)
    plt.show()
```

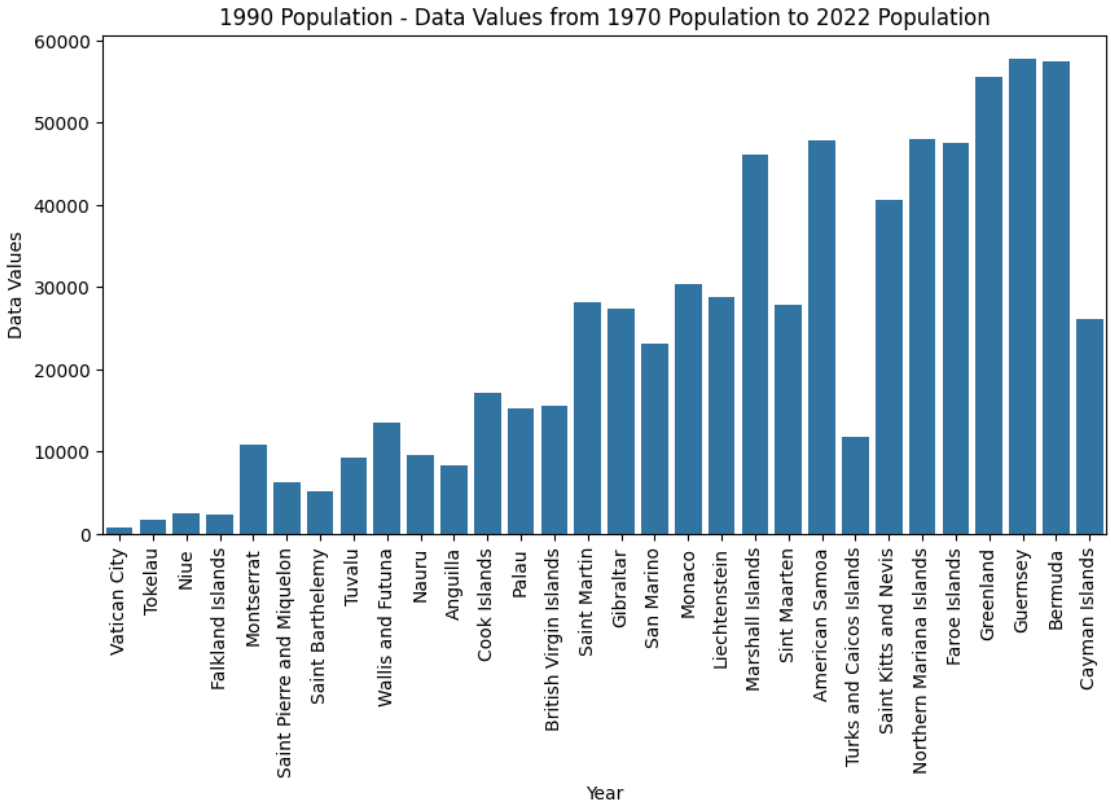

2022 Population - Data Values from 1970 Population to 2022 Population
Data Values
70000
60000
50000
40000
30000
20000
10000
0
Vatican City
Tokelau
Niue
Falkland Islands
Montserrat
Saint Pierre and Miquelon
Saint Barthelemy
Tuvalu
Wallis and Futuna
Nauru
Anguilla
Cook Islands
Palau
British Virgin Islands
Saint Martin
Gibraltar
San Marino
Monaco
Liechtenstein
Marshall Islands
Sint Maarten
American Samoa
Turks and Caicos Islands
Saint Kitts and Nevis
Northern Mariana Islands
Faroe Islands
Greenland
Guernsey
Bermuda
Cayman Islands
Year

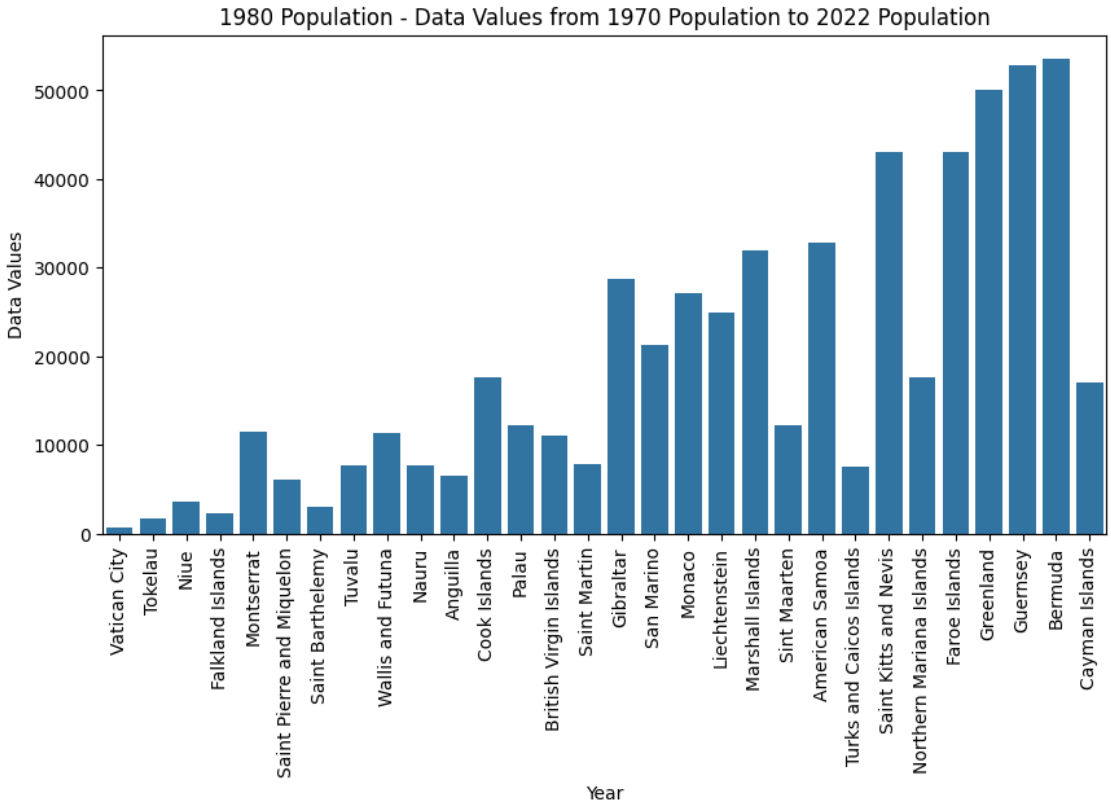

2020 Population - Data Values from 1970 Population to 2022 Population
Data Values
70000
60000
50000
40000
30000
20000
10000
0
Vatican City
Tokelau
Niue
Falkland Islands
Montserrat
Saint Pierre and Miquelon
Saint Barthelemy
Tuvalu
Wallis and Futuna
Nauru
Anguilla
Cook Islands
Palau
British Virgin Islands
Saint Martin
Gibraltar
San Marino
Monaco
Liechtenstein
Marshall Islands
Sint Maarten
American Samoa
Turks and Caicos Islands
Saint Kitts and Nevis
Northern Mariana Islands
Faroe Islands
Greenland
Guernsey
Bermuda
Cayman Islands
Year

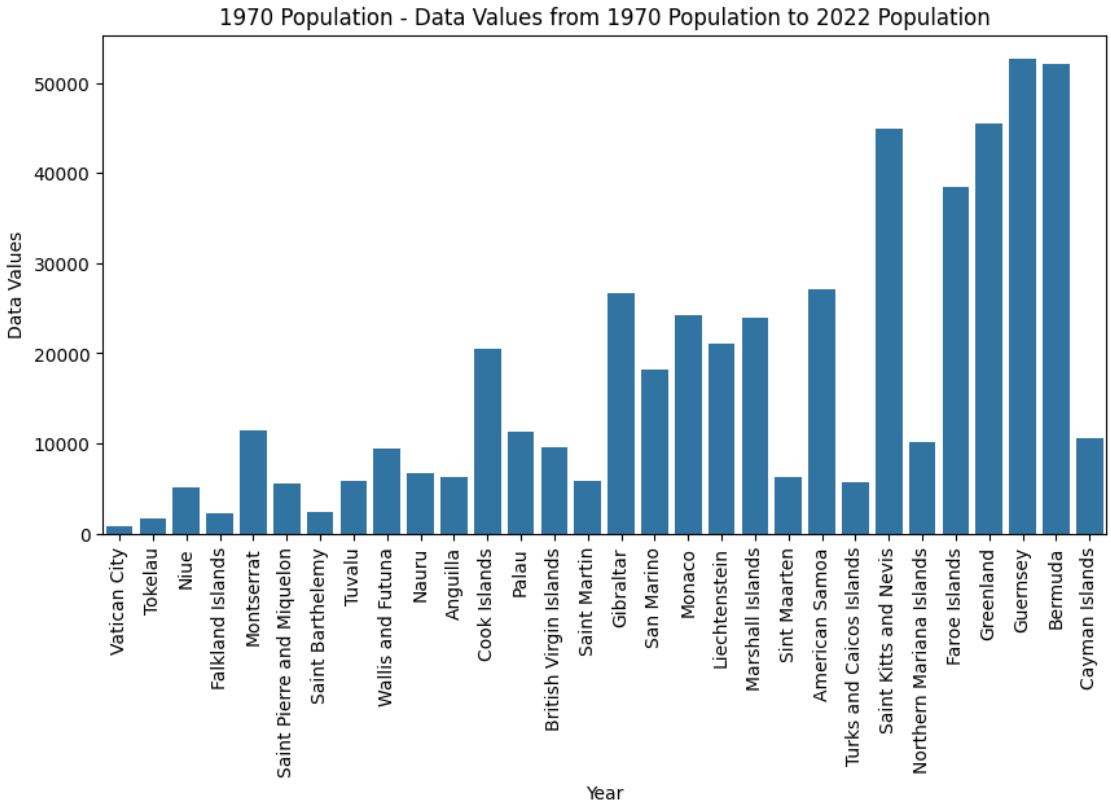

2015 Population - Data Values from 1970 Population to 2022 Population
Data Values
0
10000
20000
30000
40000
50000
60000
Vatican City
Tokelau
Niue
Falkland Islands
Montserrat
Saint Pierre and Miquelon
Saint Barthelemy
Tuvalu
Wallis and Futuna
Nauru
Anguilla
Cook Islands
Palau
British Virgin Islands
Saint Martin
Gibraltar
San Marino
Monaco
Liechtenstein
Marshall Islands
Sint Maarten
American Samoa
Turks and Caicos Islands
Saint Kitts and Nevis
Northern Mariana Islands
Faroe Islands
Greenland
Guernsey
Bermuda
Cayman Islands
Year

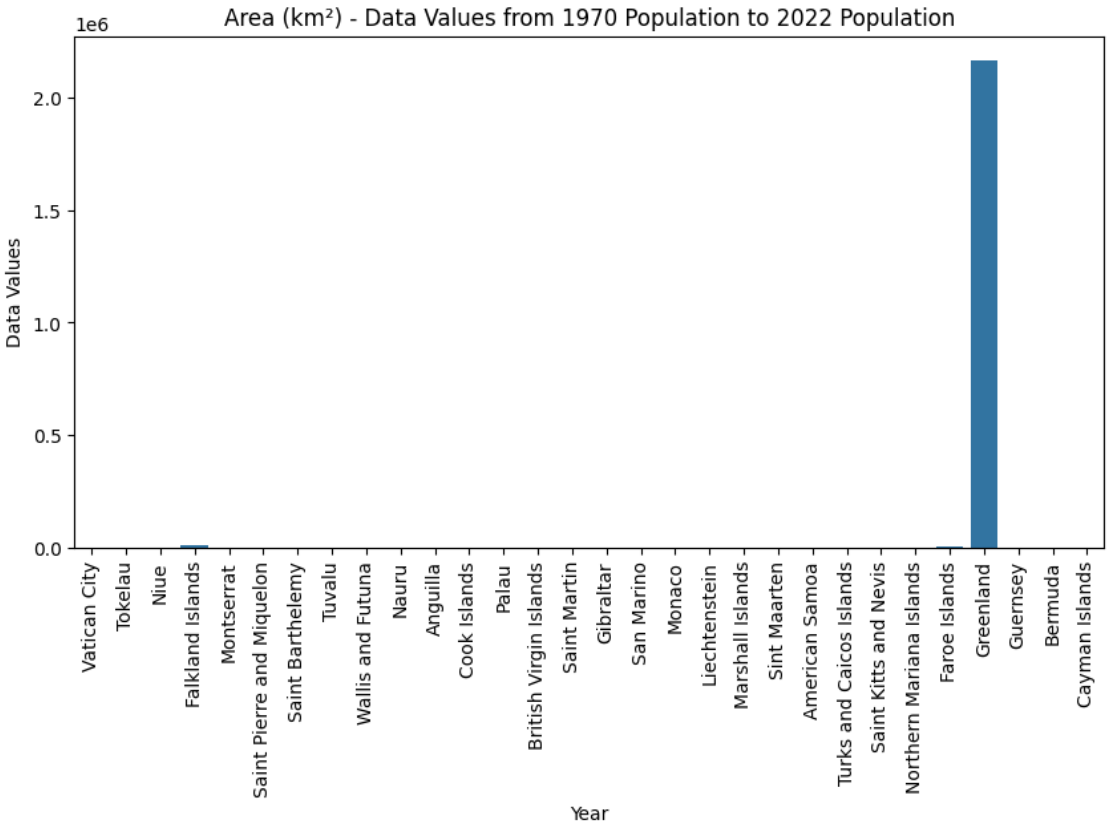

2010 Population - Data Values from 1970 Population to 2022 Population
Data Values
0
10000
20000
30000
40000
50000
60000
Vatican City
Tokelau
Niue
Falkland Islands
Montserrat
Saint Pierre and Miquelon
Saint Barthelemy
Tuvalu
Wallis and Futuna
Nauru
Anguilla
Cook Islands
Palau
British Virgin Islands
Saint Martin
Gibraltar
San Marino
Monaco
Liechtenstein
Marshall Islands
Sint Maarten
American Samoa
Turks and Caicos Islands
Saint Kitts and Nevis
Northern Mariana Islands
Faroe Islands
Greenland
Guernsey
Bermuda
Cayman Islands
Year


2000 Population - Data Values from 1970 Population to 2022 Population
Data Values
0
10000
20000
30000
40000
50000
60000
70000
80000
Vatican City
Tokelau
Niue
Falkland Islands
Montserrat
Saint Pierre and Miquelon
Saint Barthelemy
Tuvalu
Wallis and Futuna
Nauru
Anguilla
Cook Islands
Palau
British Virgin Islands
Saint Martin
Gibraltar
San Marino
Monaco
Liechtenstein
Marshall Islands
Sint Maarten
American Samoa
Turks and Caicos Islands
Saint Kitts and Nevis
Northern Mariana Islands
Faroe Islands
Greenland
Guernsey
Bermuda
Cayman Islands
Year


1990 Population - Data Values from 1970 Population to 2022 Population
Data Values
60000
50000
40000
30000
20000
10000
0
Vatican City
Tokelau
Niue
Falkland Islands
Montserrat
Saint Pierre and Miquelon
Saint Barthelemy
Tuvalu
Wallis and Futuna
Nauru
Anguilla
Cook Islands
Palau
British Virgin Islands
Saint Martin
Gibraltar
San Marino
Monaco
Liechtenstein
Marshall Islands
Sint Maarten
American Samoa
Turks and Caicos Islands
Saint Kitts and Nevis
Northern Mariana Islands
Faroe Islands
Greenland
Guernsey
Bermuda
Cayman Islands
Year


1980 Population - Data Values from 1970 Population to 2022 Population
Data Values
0
10000
20000
30000
40000
50000
Vatican City
Tokelau
Niue
Falkland Islands
Montserrat
Saint Pierre and Miquelon
Saint Barthelemy
Tuvalu
Wallis and Futuna
Nauru
Anguilla
Cook Islands
Palau
British Virgin Islands
Saint Martin
Gibraltar
San Marino
Monaco
Liechtenstein
Marshall Islands
Sint Maarten
American Samoa
Turks and Caicos Islands
Saint Kitts and Nevis
Northern Mariana Islands
Faroe Islands
Greenland
Guernsey
Bermuda
Cayman Islands
Year


1970 Population - Data Values from 1970 Population to 2022 Population
Data Values
0
10000
20000
30000
40000
50000
Vatican City
Tokelau
Niue
Falkland Islands
Montserrat
Saint Pierre and Miquelon
Saint Barthelemy
Tuvalu
Wallis and Futuna
Nauru
Anguilla
Cook Islands
Palau
British Virgin Islands
Saint Martin
Gibraltar
San Marino
Monaco
Liechtenstein
Marshall Islands
Sint Maarten
American Samoa
Turks and Caicos Islands
Saint Kitts and Nevis
Northern Mariana Islands
Faroe Islands
Greenland
Guernsey
Bermuda
Cayman Islands
Year


Area (km²) - Data Values from 1970 Population to 2022 Population
1e6
2.0
1.5
1.0
0.5
0.0
Data Values
Vatican City
Tokelau
Niue
Falkland Islands
Montserrat
Saint Pierre and Miquelon
Saint Barthelemy
Tuvalu
Wallis and Futuna
Nauru
Anguilla
Cook Islands
Palau
British Virgin Islands
Saint Martin
Gibraltar
San Marino
Monaco
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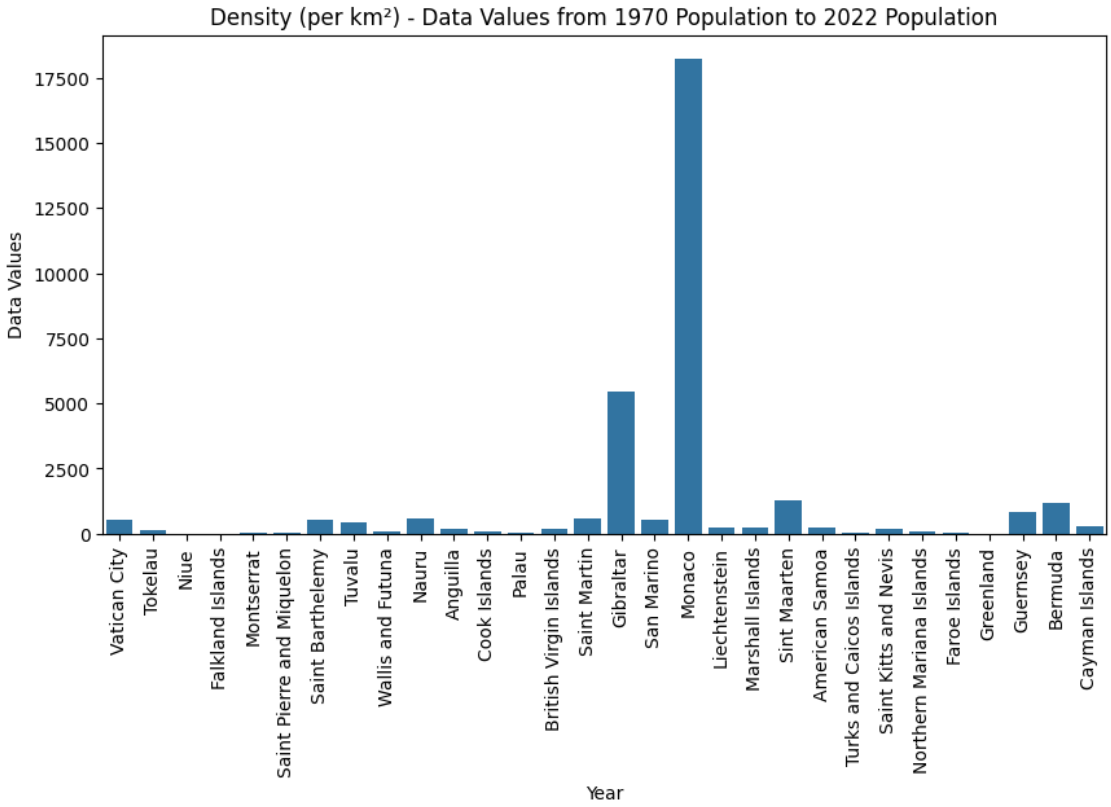
Marshall Islands
Sint Maarten
American Samoa
Turks and Caicos Islands
Saint Kitts and Nevis
Northern Mariana Islands
Faroe Islands
Greenland
Guernsey
Bermuda
Cayman Islands
Year


Density (per km²) - Data Values from 1970 Population to 2022 Population
Data Values
17500
15000
12500
10000
7500
5000
2500
0
Vatican City
Tokelau
Niue
Falkland Islands
Montserrat
Saint Pierre and Miquelon
Saint Barthelemy
Tuvalu
Wallis and Futuna
Nauru
Anguilla
Cook Islands
Palau
British Virgin Islands
Saint Martin
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Sint Maarten
American Samoa
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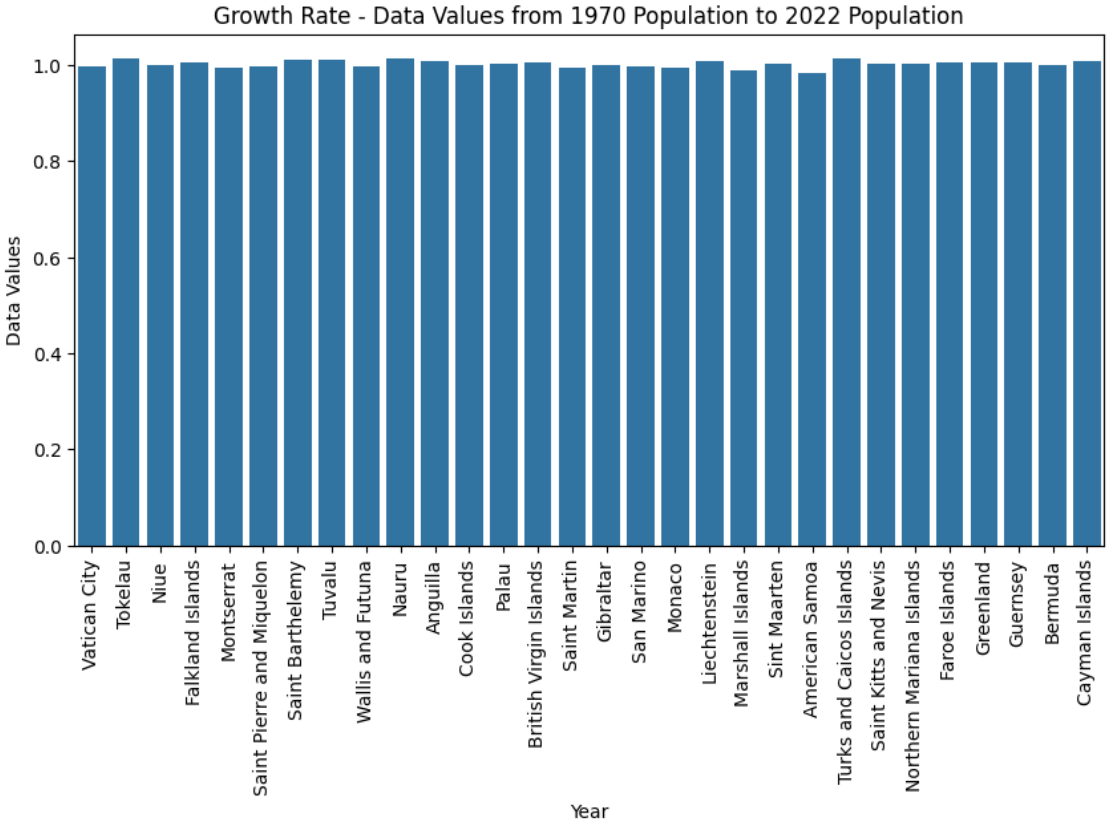
Saint Kitts and Nevis
Northern Mariana Islands
Faroe Islands
Greenland
Guernsey
Bermuda
Cayman Islands
Year


Growth Rate - Data Values from 1970 Population to 2022 Population
Data Values
1.0
0.8
0.6
0.4
0.2
0.0
Vatican City
Tokelau
Niue
Falkland Islands
Montserrat
Saint Pierre and Miquelon
Saint Barthelemy
Tuvalu
Wallis and Futuna
Nauru
Anguilla
Cook Islands
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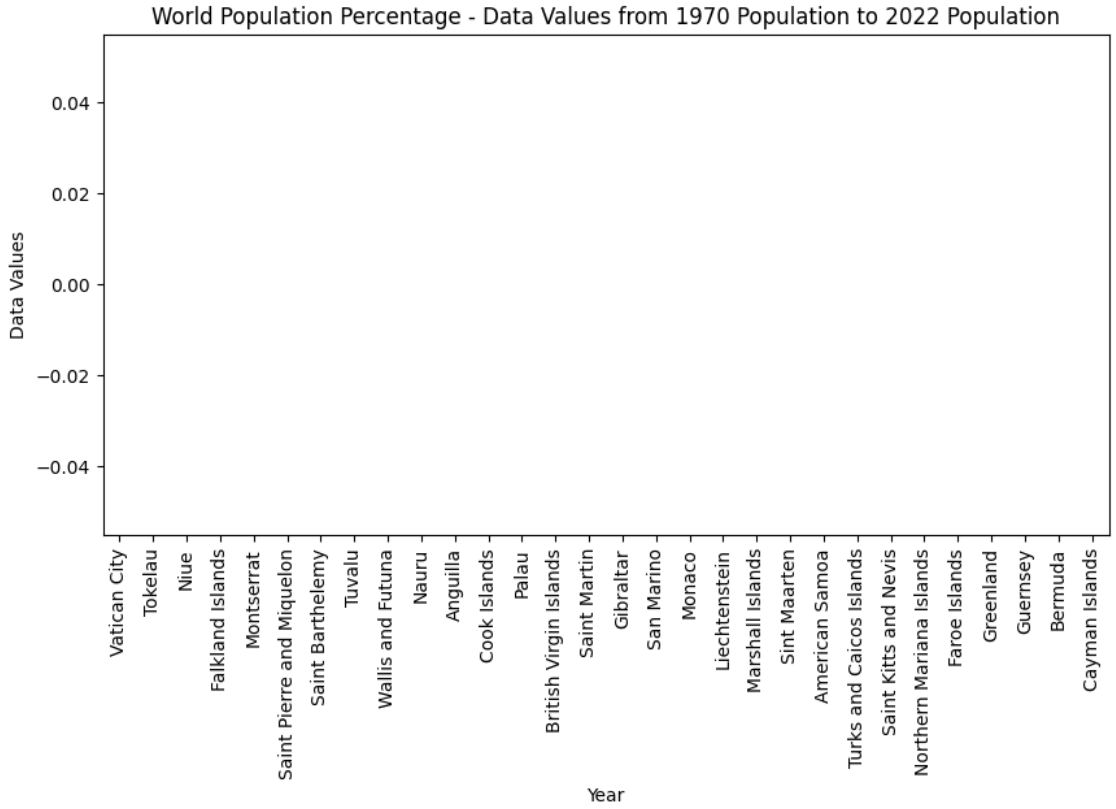
Cayman Islands
Year


World Population Percentage - Data Values from 1970 Population to 2022 Population
Data Values
0.04
0.02
0.00
−0.02
−0.04
Vatican City
Tokelau
Niue
Falkland Islands
Montserrat
Saint Pierre and Miquelon
Saint Barthelemy
Tuvalu
Wallis and Futuna
Nauru
Anguilla
Cook Islands
Palau
British Virgin Islands
Saint Martin
Gibraltar
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Marshall Islands
Sint Maarten
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Turks and Caicos Islands
Saint Kitts and Nevis
Northern Mariana Islands
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Cayman Islands
Year