World Population Data Set Questions

Check if you have appropriate data types in the data given. If yes start working on below questions.

❖ Also Build appropriate visualizations to showcase your solutions.

Question 1:

- Create a bar chart to visualize the top 10 countries with the highest population in 2022.

Question 2:

- Calculate the average population density for each continent.

Question 3:

- Determine the country with the highest growth rate from 2015 to 2022.
  Hint : Population growth rate = ((2022 Population - 2015 Population) / 2015 Population) * 100

Question 4:

- Create a pie chart to show the distribution of countries by continent.

Question 5:

- Compare the population growth rate of Asia and Africa from 2010 to 2022.

Hint : Calculate the population growth rate for Asia and Africa from 2010 to 2022.

Compare the growth rates of both continents to determine the differences or similarity.

Question 6:

- Calculate the total population for each continent in 2022
- Find the difference between population growth from 2015 to 2020 between India, Berlin and Abu Dhabi (Capital).
- Find the capital with the highest Population growth .

Question 7:

- Calculate the population density (population per square kilometer) for each country in 2022.

- Give the top 5 countries with highest Population density and the bottom 5 countries with the lowest Population density separately.

Hint : Population density = 2022 Population / Area (km²)

Question 8:

- Identify the countries where the population decreased from 2020 to 2022.

Question 9:

- Create a line chart showing the population trend for a selected country from 2010 to 2022.
- Calculate the average population growth rate for each continent from 1970 to 2022.