DATASET: The United States Census Bureau’s international

This dataset provides estimates of country populations since 1950 and projections through 2050. Specifically, the dataset includes midyear population figures broken down by age and gender assignment at birth. Additionally, time-series data is provided for attributes including fertility rates, birth rates, death rates, and migration rates.

QUERIES:

1. QUERY 1- Find all the countries and their areas by midyear population and year. [Limit to 10] <https://console.cloud.google.com/bigquery?sq=590715706182:9a4159e916d14c4db6eabe819c9c44c5>

CODE:

SELECT \*

FROM `bigquery-public-data.census\_bureau\_international.country\_names\_area` as a

LEFT JOIN `bigquery-public-data.census\_bureau\_international.midyear\_population` as b

on a.country\_name = b.country\_name

LIMIT 10

2. QUERY 2- Find all the country areas by midyear population in descending order. [Limit to 10] <https://console.cloud.google.com/bigquery?sq=590715706182:23e9bb6eb2ba4c4f95d5f6583ae0222d>

CODE:

SELECT a.country\_code, a.country\_area, b.country\_code, b.midyear\_population

FROM `bigquery-public-data.census\_bureau\_international.country\_names\_area` as a

INNER JOIN `bigquery-public-data.census\_bureau\_international.midyear\_population` as b

on a.country\_code = b.country\_code

ORDER BY midyear\_population desc

LIMIT 10

3. QUERY 3- Find the countries by their life expectancy. [Limit to 10]

<https://console.cloud.google.com/bigquery?sq=590715706182:11c29436e6f14a2e838f451d3078e506>

CODE:

SELECT a.country\_code, a.country\_name, b.country\_code, b.life\_expectancy

FROM `bigquery-public-data.census\_bureau\_international.country\_names\_area` as a

INNER JOIN `bigquery-public-data.census\_bureau\_international.mortality\_life\_expectancy` as b

on a.country\_code = b.country\_code

LIMIT 10

4. QUERY 4- Write a query that gives life expectancies of male and female every year with infant mortality 20 or more. [Limit to 10]

<https://console.cloud.google.com/bigquery?sq=590715706182:a8bc62b3e4dd443980c981445b4fe54b>

CODE:

SELECT life\_expectancy\_male, life\_expectancy\_female

FROM `bigquery-public-data.census\_bureau\_international.mortality\_life\_expectancy`

WHERE infant\_mortality >=20

ORDER BY year

LIMIT 10

5. QUERY 5- Give the count of infant mortality rate for female in ‘under 5’ category in each country. [Limit to 10]

<https://console.cloud.google.com/bigquery?sq=590715706182:62da3a943c8045ddb5e1cac5c463b0b8>

CODE:

SELECT count(infant\_mortality\_female) as count\_infantmort\_female

FROM `bigquery-public-data.census\_bureau\_international.mortality\_life\_expectancy`

GROUP BY mortality\_rate\_under5, country\_name

LIMIT 10

6. QUERY 6- Give me a query that will give the average Birth and Death rates in country name category. [Limit to 10]

<https://console.cloud.google.com/bigquery?sq=590715706182:658fd0b9fba142ec9f3f10ba7e8da8be>

CODE:

SELECT avg(crude\_birth\_rate) as avg\_birth, avg(crude\_death\_rate) as avg\_death

FROM `bigquery-public-data.census\_bureau\_international.birth\_death\_growth\_rates`

GROUP BY country\_name

LIMIT 10

7. QUERY 7- Give minimum of total fertility rate under categories country name and year. [Limit to 10]

<https://console.cloud.google.com/bigquery?sq=590715706182:dbeab22b2ce24ddb9e6c2bf0afa72f52>

CODE:

SELECT min(total\_fertility\_rate) as Min\_Total\_FertilityRate

FROM `bigquery-public-data.census\_bureau\_international.age\_specific\_fertility\_rates`

GROUP BY country\_name, year

LIMIT 10

8. QUERY 8- Find the total fertility rate of countries by infant mortality rate. [Limit to 10]

<https://console.cloud.google.com/bigquery?sq=590715706182:25a4c0f98451414188494218c832b27f>

CODE:

SELECT a.total\_fertility\_rate,b.infant\_mortality

FROM `bigquery-public-data.census\_bureau\_international.age\_specific\_fertility\_rates` as a

INNER JOIN `bigquery-public-data.census\_bureau\_international.mortality\_life\_expectancy` as b

on a.country\_name = b.country\_name

LIMIT 10

9. QUERY 9- Give a query that has countries with area more than 2500000. [Limit to 10]

<https://console.cloud.google.com/bigquery?sq=590715706182:88d2d461164c4bf7ba58b84ae921bddb>

CODE:

SELECT \* FROM `bigquery-public-data.census\_bureau\_international.country\_names\_area`

WHERE country\_area>=2500000

LIMIT 10

10. QUERY 10- Find the country names by midyear population in descending order. [Limit to 10]

<https://console.cloud.google.com/bigquery?sq=590715706182:7dd4ed11e47a49ff805418601985fcd7>

CODE:

SELECT country\_name

FROM `bigquery-public-data.census\_bureau\_international.midyear\_population`

ORDER BY midyear\_population desc

LIMIT 10