

SQL QUERIES

```
create database africa;
```

```
USE africa;
```

```
SELECT * FROM african;
```

```
ALTER TABLE african
```

```
RENAME COLUMN `GDP (USD)` TO GDP;
```

```
-- Number of countries--
```

```
SELECT COUNT(DISTINCT country) AS Number_of_Countries  
FROM african;
```

```
-- Total population in Africa --
```

```
SELECT year,SUM(population)  
FROM african  
GROUP BY year;
```

```
-- Total population in Eastern Africa --
```

```
SELECT continent,SUM(population) AS East_African_Population  
FROM african  
WHERE continent='East Africa';
```

```
-- Total population in Western Africa --
```

```
SELECT continent,SUM(population) AS West_African_Population  
FROM african  
WHERE continent='West Africa';
```

```
-- Total population in Northern Africa --
```

```
SELECT continent,SUM(population) AS North_African_Population  
FROM african  
WHERE continent='North Africa';
```

-- Total population in Southern Africa --

```
SELECT continent,SUM(population) AS South_African_Population
FROM african
WHERE continent='South Africa';
```

```
SELECT * FROM african;
```

-- Top richest countries in Africa--

```
SELECT country,ROUND(SUM(GDP),2) AS Total_GDP
FROM african
GROUP BY country
ORDER BY Total_GDP ASC
LIMIT 10;
```

-- Top poorest countries in Africa--

```
SELECT country,ROUND(SUM(GDP),2) AS Total_GDP
FROM african
GROUP BY country
ORDER BY Total_GDP DESC
LIMIT 10;
```

-- Total population of each country--

```
SELECT country,SUM(population) AS Total_Population_Per_Country
FROM african
GROUP BY country
ORDER BY Total_Population DESC;
```

-- Total for every year between 2000-2020--

```
SELECT population,year
FROM african
```

GROUP BY year;

-- Population of each country in Western Africa--

SELECT country,SUM(population)

FROM african

WHERE continent='West Africa'

GROUP BY country;

-- Population of each country in Southern Africa--

SELECT country,SUM(population)

FROM african

WHERE continent='South Africa'

GROUP BY country;

-- Population of each country in Eastern Africa--

SELECT country,SUM(population)

FROM african

WHERE continent='East Africa'

GROUP BY country;

-- Population of each country in Northern Africa--

SELECT country,SUM(population)

FROM african

WHERE continent='North Africa'

GROUP BY country;