**Data Analysis**

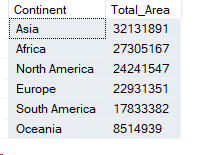
* The human resource data was obtained from Kaggle website.
* The data was clean and did not require any cleaning.
* Used SQL to write queries which provide the needed data.
* Used power BI for visualization

----1. What is the size of each continent?

select Continent, sum(Area\_km) as Total\_Area from [World Population]

group by Continent

order by Total\_Area Desc

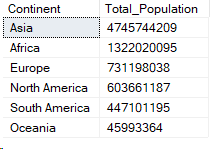


----2. What is the 2023 population of each continent?

select Continent, sum(Yr\_2023) as Total\_Population from [World Population]

group by Continent

order by Total\_Population Desc



----3. What is the 2023 global population?

select sum(Yr\_2023) as '2023 Global Population' from [World Population]



----4. Total population per census period

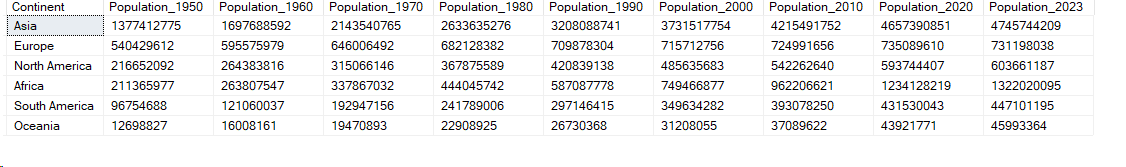
select Continent, sum(Yr\_1950) as Population\_1950, sum(Yr\_1960) as Population\_1960, sum(Yr\_1970) as Population\_1970,

sum(Yr\_1980) as Population\_1980, sum(Yr\_1990) as Population\_1990, sum(Yr\_2000) as Population\_2000,

sum(Yr\_2010) as Population\_2010, sum(Yr\_2020) as Population\_2020, sum(Yr\_2023) as Population\_2023 from [World Population]

group by Continent

order by Population\_1950 Desc

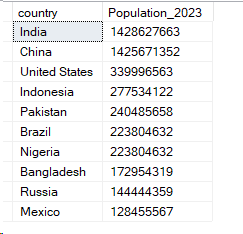


----5. 2023 top 10 populous countries

select top 10 country, sum(Yr\_2023) as Population\_2023 from [World Population]

group by country

order by Population\_2023 desc

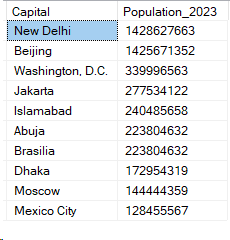


--6. 2023 top 10 populous cities

select top 10 Capital, sum(Yr\_2023) as Population\_2023 from [World Population]

group by Capital

order by Population\_2023 desc

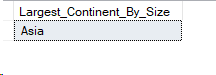


--7. Largest continent

select top 1 Continent as Largest\_Continent\_By\_Size

FROM ( SELECT Continent, SUM(Area\_km) AS Total\_Area from [World Population] group by Continent) as Largest

order by largest.Total\_Area desc ;



--8. Largest city by size

select top 1 Capital as Largest\_City\_By\_Size

FROM ( SELECT Capital, SUM(Area\_km) AS Total\_Area from [World Population] group by Capital) as Largest

order by largest.Total\_Area desc ;



--9. Largest city by population

select top 1 Capital as Largest\_City\_By\_Population

FROM ( SELECT Capital, SUM(Yr\_2023) AS Total\_Population from [World Population] group by Capital) as Largest

order by largest.Total\_Population desc ;



--10. Smallest continent

select top 1 Continent as Smallest\_Continent\_By\_Size

FROM ( SELECT Continent, SUM(Area\_km) AS Total\_Area from [World Population] group by Continent) as Largest

order by largest.Total\_Area asc ;



--11. Smallest city by size

select top 1 Capital as Smallest\_City\_By\_Size

FROM ( SELECT Capital, SUM(Area\_km) AS Total\_Area from [World Population] group by Capital) as Largest

order by largest.Total\_Area asc ;



--12. Small city by population

select top 1 Capital as Smallest\_City\_By\_Population

FROM ( SELECT Capital, SUM(Yr\_2023) AS Total\_Population from [World Population] group by Capital) as Largest

order by largest.Total\_Population asc ;

