use attueyi

go

1. Identify all data insights in WHO Covid\_19 dataset per WHO Regions

--select \* from [dbo].[sorted data]

--select \* from "sorted data" where WHO\_Region = 'Africa'

--select \* from "sorted data" where WHO\_Region = 'Europe'

--select \* from "sorted data" where WHO\_Region = 'Americas'

--select \* from "sorted data" where WHO\_Region = 'Western Pacific'

--select \* from "sorted data" where WHO\_Region = 'South-East Asia'

--select \* from "sorted data" where WHO\_Region = 'Eastern Mediterranean'

--select \* from "sorted data" where WHO\_Region = 'N/A'

1. Outline all the Names of Countries that starts with letter “A”

--select "Name" from [sorted data]

--where "Name" like 'A%'

1. Showcase how to use the “OR” to retrieve information in a dataset

--select \* from [dbo].[sorted data]

--where "Name" = 'Nigeria' or "Name" = 'Angola' or "Name" = 'Argentina' or "Name" = 'India'

1. Using a “parenthesis” instead of an “OR” statement, retrieve data from few countries in the Covid\_19 dataset

--select \* from [dbo].[sorted data]

--where "Name" in ('Nigeria', 'Angola', 'argentina', 'India')

1. Extract information on other countries not including the previous question as written above

--select \* from [dbo].[sorted data]

--where "Name" not in ('Nigeria', 'Angola', 'argentina', 'India')

1. Determine the Covid\_19 cases and death cases newly reported in the last 7 days by WHO in Africa, particularly Nigeria

--select "Name", "WHO\_Region", [Cases\_newly\_reported\_in\_last\_7\_days], [Deaths\_newly\_reported\_in\_last\_7\_days] from [sorted data]

--where WHO\_Region = 'Africa' and "Name" = 'Nigeria'

1. Write a query to extract all distinct WHO Regions in the dataset

--select distinct "WHO\_Region" from [dbo].[sorted data]

1. Write a query to determine the Covid\_19 cases cumulative total less than or equals to 500000

--select "Name", Cases\_cumulative\_total from "sorted data" where [Cases\_cumulative\_total] <= '500000'

1. Determine the Top 10 countries with all WHO Covid\_19 Parameters

--select top (10) [Name], [Cases\_cumulative\_total]from [sorted data]

--order by Cases\_cumulative\_total desc

--select top (10) [Name], [Cases\_cumulative\_total\_per\_100000\_population] from [sorted data]

--order by [Cases\_cumulative\_total\_per\_100000\_population] desc

--select top (10) [Name], [Cases\_newly\_reported\_in\_last\_7\_days] from [sorted data]

--order by[Cases\_newly\_reported\_in\_last\_7\_days] desc

--select top (10) [Name], [Cases\_newly\_reported\_in\_last\_7\_days\_per\_100000\_population] from [sorted data]

--order by[Cases\_newly\_reported\_in\_last\_7\_days\_per\_100000\_population] desc

--select top (10) [Name], [Cases\_newly\_reported\_in\_last\_24\_hours] from [sorted data]

--order by [Cases\_newly\_reported\_in\_last\_24\_hours] desc

--select top (10) [Name], [Deaths\_cumulative\_total] from [sorted data]

--order by [Deaths\_cumulative\_total] desc

--select top (10) [Name], [Deaths\_cumulative\_total\_per\_100000\_population] from [sorted data]

--order by [Deaths\_cumulative\_total\_per\_100000\_population] desc

--select top (10) [Name], Deaths\_newly\_reported\_in\_last\_7\_days from [sorted data]

--order by Deaths\_newly\_reported\_in\_last\_7\_days desc

--select top (10) [Name], [Deaths\_newly\_reported\_in\_last\_7\_days\_per\_100000\_population] from [sorted data]

--order by [Deaths\_newly\_reported\_in\_last\_7\_days\_per\_100000\_population] desc

--select top (10) [Name], [Deaths\_newly\_reported\_in\_last\_24\_hours] from [sorted data]

--order by [Deaths\_newly\_reported\_in\_last\_24\_hours] desc

1. Calculate the total sum of Covid\_19 cases reported by WHO and name it as “Total cases” from the dataset

--select sum ([Cases\_cumulative\_total]) as Total\_cases

--from [sorted data]

1. Determine the top 10 countries that have a cumulative total cases recorded between 500000 and 1000000

--select top (10) Name, Cases\_cumulative\_total from "sorted data"

--where [Cases\_cumulative\_total] between '500000' and '1000000'

--order by Cases\_cumulative\_total asc

1. Extract all cumulative total covid\_19 cases recorded per WHO Region

--select [WHO\_Region], [Cases\_cumulative\_total] from [dbo].[sorted data]

--order by [Cases\_cumulative\_total] Desc

1. Determine the Number and Names of countries in Africa that recorded a cumulative total cases greater than 10000

--select “Name”, [WHO\_Region], [Cases\_cumulative\_total] from [dbo].[sorted data

--where [WHO\_Region] = 'Africa' and [Cases\_cumulative\_total] > '10000'

--order by [Cases\_cumulative\_total] desc

1. Determine the top 5 countries in Africa that recorded the highest cumulative death cases on covid\_19

--select top (5) “Name”, [Deaths\_cumulative\_total] [dbo].[sorted data]

--where [WHO\_Region] = 'Africa'

--order by [Deaths\_cumulative\_total] desc

1. Determine the top 5 countries in Americas that recorded the highest cumulative death cases on covid\_19

--select top (10) “Name”, [Deaths\_cumulative\_total] from [dbo].[sorted data]

--where [WHO\_Region] = 'Americas'

--order by [Deaths\_cumulative\_total] desc

1. Determine the top 5 countries in Europe that recorded the highest cumulative death on covid\_19 cases

--select top (10) “Name”, [Deaths\_cumulative\_total], [Cases\_cumulative\_total] from [dbo].[sorted data]

--where [WHO\_Region] = 'Europe'

--order by [Deaths\_cumulative\_total] desc

1. Determine the sum of the top 10 cases newly recorded in last 7 days and last 7 days per 100000 population and last 24 hours in Africa as a WHO Region

--select top (10) “Name”, [Cases\_newly\_reported\_in\_last\_7\_days] + [Cases\_newly\_reported\_in\_last\_7\_days\_per\_100000\_population] +

--[Cases\_newly\_reported\_in\_last\_24\_hours] as "Cummulative Cases\_newly\_reported" from [dbo].[sorted data]

--where WHO\_Region = 'Africa'

--order by "Cummulative Cases\_newly\_reported" desc

1. Write a query to extract the top 10 total cumulative cases and total cumulative death in Africa and Americas

--select TOP (10) "Name", [Cases\_cumulative\_total], [Deaths\_cumulative\_total] from [sorted data]

--where [WHO\_Region] IN ('Africa', 'Americas')

--Order by [Cases\_cumulative\_total] desc

1. Write a query to extract the top 10 total cumulative cases and total cumulative death in Western Pacific region

--select top (10) [Name], [Cases\_cumulative\_total], [Deaths\_cumulative\_total] from [sorted data]

--where WHO\_Region = 'Western Pacific'

--order by [Deaths\_cumulative\_total] desc

1. Write a query to extract the top 10 total cumulative cases and total cumulative death in South-East Africa

--select top (10) [Name], [Cases\_cumulative\_total], [Deaths\_cumulative\_total] from [sorted data]

--where WHO\_Region = 'South-East Africa'

--order by [Deaths\_cumulative\_total] desc