Data Scientist Task Submission by Trang Nguyen

Tableau Public Profile: https://public.tableau.com/app/profile/trang.nguyen1280#!/

Question 1:

a) Number of days that each country reported *tests, cases, and deaths per month*. Present results in a table with one metric shown at a time, chosen by the user (i.e., number of days with tests reported in a month).

Link:https://public.tableau.com/app/profile/trang.nguyen1280/viz/COVIDTracker-Reportedcountriesonnewtestscasesanddeathspermonth/Dashboard1

b) Number of days that each country reported *tests, cases, and deaths per quarter*. Present results in a table with one metric shown at a time, chosen by the user (i.e., number of days with tests reported in a quarter).

Link:https://public.tableau.com/app/profile/trang.nguyen1280/viz/COVIDTracker-Reportedcountriesonnewtestscasesanddeathsperquarter/Dashboard2

Question 2:

a) *Monthly average testing, case and death rate* per capita (per 1000 people) per country. Present results in a table with one metric shown at a time, chosen by the user (i.e. average testing rate per 1000 per month).

Link:https://public.tableau.com/app/profile/trang.nguyen1280/viz/COVIDTracker-MonthlyAverageTestingCaseandDeathratepercapitapercountry/Dashboard3

b) *Quarterly average testing, case and death rate* per capita (per 1000 people) per country. Present results in a table with one metric shown at a time, chosen by the user (i.e. average testing rate per 1000 per quarter).

Link:https://public.tableau.com/app/profile/trang.nguyen1280/viz/COVIDTracker-QuarterlyAverageTestingCaseandDeathRatepercapitaperCountry/Dashboard4

Question 3: Please find the attached .csv files for questions 1,2 with limit 6 countries. Otherwise, the dashboards for questions 1, 2 per month and quarter are filter by country and user can select up to 6 countries.

Question 4 & 5:
Monthly metric calculated in questions 1:
Link:https://public.tableau.com/app/profile/trang.nguyen1280/viz/COVIDTRACKER-MonthlyNewDeathsperCountry/Dashboard5

An extra dashboard for monthly metric calculated in question 2:
Link:https://public.tableau.com/app/profile/trang.nguyen1280/viz/COVIDTRACKER-MonthlyAverageDeathRateperCountry/Dashboard6