DB Management Summative Project
Database Design and Implementation

Project Description

The given dataset, covid19_subset.csv, is a subset containing daily reported covid-19 confirmed cases of the world, which is extracted from a more complete covid-19 dataset maintained by Our World in Data (https://github.com/owid/covid-19-data/tree/master/public/data). The dataset is in the csv (Comma Separated Value) file format and is partially listed below:

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iso_code,continent,location,date,total_cases,new_cases
AFG,Asia,Afghanistan,2020-02-24,1,1
AFG,Asia,Afghanistan,2020-02-25,1,0
AFG,Asia,Afghanistan,2020-02-26,1,0
AFG,Asia,Afghanistan,2020-02-27,1,0
AFG,Asia,Afghanistan,2020-02-28,1,0
AFG,Asia,Afghanistan,2020-02-29,1,0
AFG,Asia,Afghanistan,2020-03-01,1,0
AFG,Asia,Afghanistan,2020-03-02,1,0
AFG,Asia,Afghanistan,2020-03-03,2,1
AFG,Asia,Afghanistan,2020-03-04,4,2
AFG,Asia,Afghanistan,2020-03-05,4,0
AFG,Asia,Afghanistan,2020-03-06,4,0
AFG,Asia,Afghanistan,2020-03-07,4,0
AFG,Asia,Afghanistan,2020-03-08,5,1
AFG,Asia,Afghanistan,2020-03-09,7,2
AFG,Asia,Afghanistan,2020-03-10,8,1
AFG,Asia,Afghanistan,2020-03-11,11,3
AFG,Asia,Afghanistan,2020-03-12,12,1
AFG,Asia,Afghanistan,2020-03-13,13,1
AFG,Asia,Afghanistan,2020-03-14,15,2
AFG,Asia,Afghanistan,2020-03-15,16,1
AFG,Asia,Afghanistan,2020-03-16,18,2
AFG,Asia,Afghanistan,2020-03-17,20,2
AFG,Asia,Afghanistan,2020-03-18,24,4
AFG,Asia,Afghanistan,2020-03-19,25,1
AFG,Asia,Afghanistan,2020-03-20,29,4
AFG,Asia,Afghanistan,2020-03-21,30,1
AFG,Asia,Afghanistan,2020-03-22,34,4
AFG,Asia,Afghanistan,2020-03-23,41,7
AFG,Asia,Afghanistan,2020-03-24,43,2
AFG,Asia,Afghanistan,2020-03-25,76,33
AFG,Asia,Afghanistan,2020-03-26,80,4
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As you can see from the listing that the first line contains a header of 6 named fields separated by comma and the remaining lines contain the data of six row values separated by comma per line.

Your assignment is design and implement a database to store covid19_subset.csv data in your chosen database management system (DBMS), for example, MySQL. Specifically, you will follow these steps to do the project:

1. Design a database schema based on the requirements.
2. Create a SQL DDL (Data Definition Language) script to define the database schema.
3. Apply the script in step 2 to create a database in the chosen DBMS
4. Import covid19_subset.csv to the database created in step 3.
5. Run a couple of SQL queries to test your database implementation.