

Data Cleaning, Transformation and Modelling

Assignment Question



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Dataset Link : [Corona_Virus_2020](#)

Theoretical Questions

Question 1 : What is Data Loading in Power BI and why is it considered the first step of analysis?

Question 2 : Explain the difference between “Load” and “Transform Data” in Power BI.

Question 3 : What is a Fact Table and a Dimension Table? Give examples from the dataset.

Question 4 : Why is Star Schema preferred over Snowflake Schema in Power BI?

Practical Questions

Question 5 : Identify and remove duplicate records based on Date, Country, and State.

Question 6 : Identify and replace null values in [Vaccination_Status](#).

Question 7 : Create a new column to calculate Recovery Rate.

Question 8 : Create a summarized table showing total confirmed cases by Country.