

MySQL Questions

UserId : sw800

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(All the tables you create should be prefixed with your userid. Eg: The 'country' table name should be 'ai1country')

Questions

1) MySQL Commands to do from terminal

- a) Write an SQL statement to create a table aiXcountry (Eg:aiXCountry) which includes columns country_id, country_name, currency and language
- b) Insert data of a few countries including United Kingdom
- c) Select the list of countries where the language used is English
- d) Update the name of United Kingdom to U K.
- e) Try deleting one of the entries by providing country_id.
- f) Write a query to list the country names in the alphabetic order
- g) Write a query to group the countries based on their language and get the count of countries speaking each language.

2) Write an R program to execute the queries (b) (c) (d) & (e) from an R program

3) Write an R Program to insert the mtcars dataframe to a table in mysql.
(hint: dbWriteTable(mysqlconnection, "ai1mtcars", mtcars))

From the newly created table

- a) List the details of all Mercedes models
- b) List all models having 8 cylinders
- c) List all models having hp value greater than 100
- d) Find out the count of vehicles having same number of cylinders.
- e) Get the list of models disp value between 100 and 200

4) Write a program to load a database table you have created to an R dataframe.