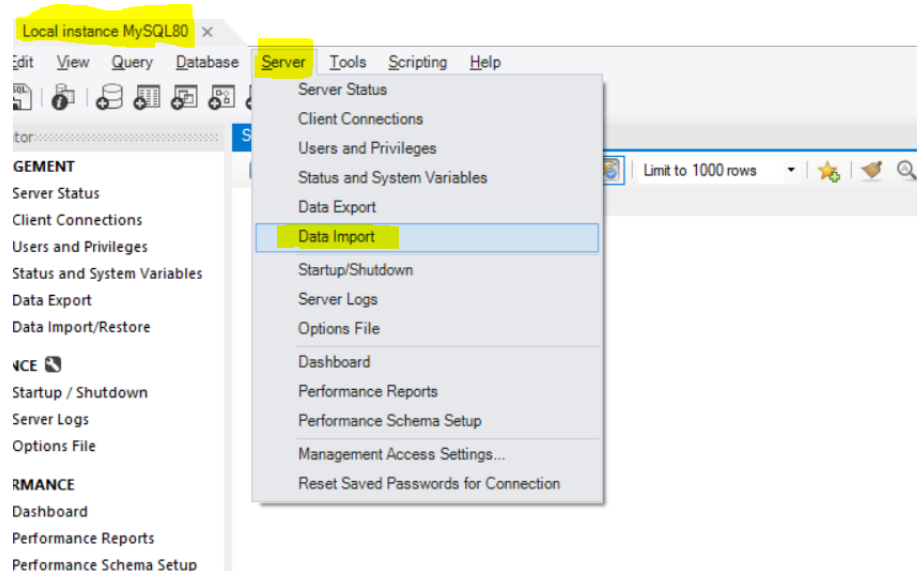
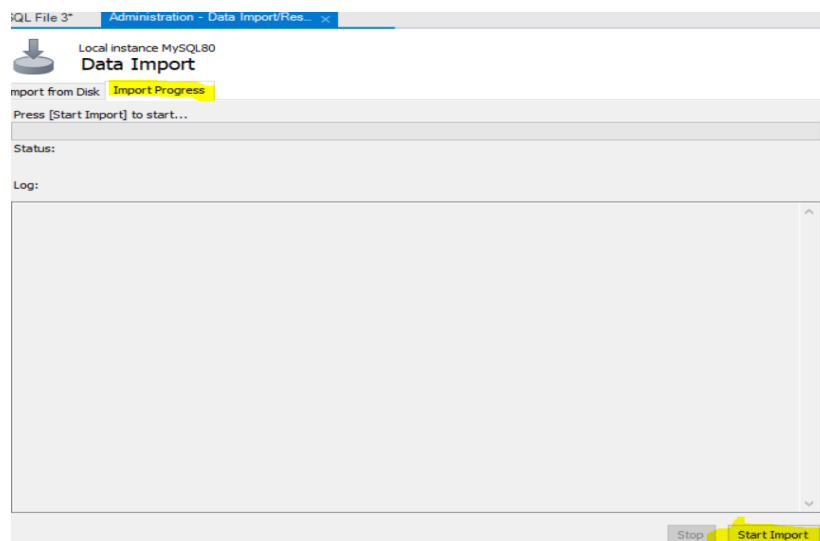
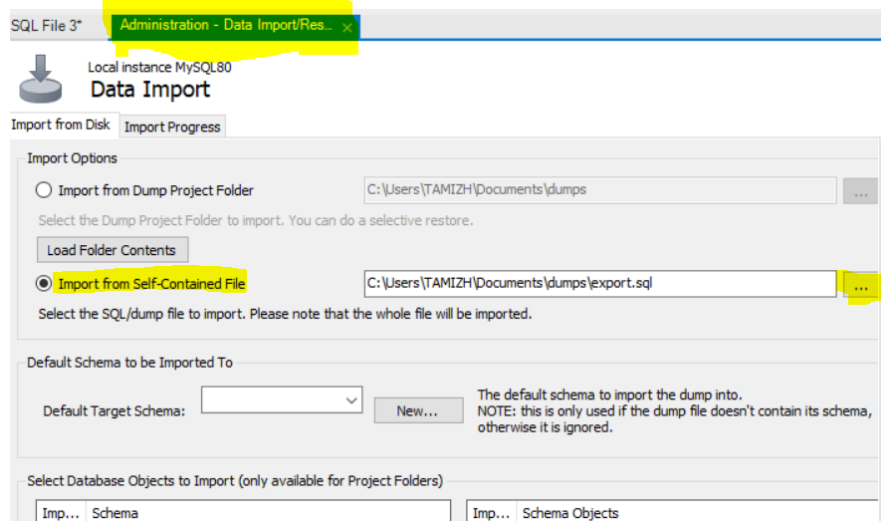


SQL Assignment

Extract the SQL file from the zipped folder and Import the data to your SQL instance by following the below steps:

- Download the sql file :
https://drive.google.com/file/d/1w_B-eh8W-BWIFaR73d2y409YrY6Wxsw2/view?usp=sharing
- Open “Mysql workbench” and enter any instance
- Go to “Server -> Data Import”
- This will open another sql file window as “Administration- Data import/Export”
- Select “Import from Self-contained File” option
- Then click on the file picker icon and select “assignment1.sql” file
- Go to “Import Progress” window and “Start Import”





Follow the below steps:

- Once Imported, write queries for all the below scenarios in your mysql workbench
- Take screen shot of each answer or Query
- Paste the screen shot in a word file and repeat the steps for all the questions
- Save the word file into a PDF and upload

Questions:

1. Find the customers whose "state" code is not filled and display only their full name and contact number
2. Find the product names for each of the orders in "Orderdetails" table
3. Using the "Payments" table, find out the total amount spent by each customer ID
4. Find out the number of customers from each country
5. Find out the amount of sales driven by each sales representative
6. Find out the total number of quantity ordered per each order
7. Find out the total number of quantity ordered per each product ID
8. Find out the total number of orders made where the order value is over 7000 INR
9. List the customer names for those who their names are starting with "A"
10. Find the difference between the order date and the shipped date
11. Find out the profit for each product on the basis on buy price and sell price and find the overall profit for all the inventory in stock
12. Find the profit for each product line and also see the inventory in stock
13. Create a view that maps the customers and their payments, ignore fields that has greater than 30% null values in it
14. Check if the overall purchase value has exceeded the credit limit set for them
15. Find the top performing sales agent, revenue generated and total number of customers for each of them individually