

Assignment - 1

Instruction

- Write a query and execute and paste screenshots and make a pdf. You need to show a screenshot to demonstrate the correctness of your query. Please keep pdf size optimized so you can upload whole pdf at once.
- Submit one file .pdf file containing all answers.
- The name should be <roll_no>_assignment<number>.pdf
- Write the questions before the answers.
- Write a justification to your solution.(simple and small)

Questions

1. Create a Software Company database with name <database_name >.
2. Create an employee table with 5 columns(emp_id,emp_name,emp_age,emp_salary,job_role) and 10 records. Choose a unique column as a primary key and also other constraints as per your understanding.
Note : Job roles available("Data Analyst", "ML Engineer", "Software Developer").
3. Retrieve distinct job roles of the employees whose -
 - (a) Salary is in between [50000,59999] using where clause.
 - (b) Salary is greater than 50000.
4. List all software developers whose age is less than 60.
5. Modify the Data Analyst job role into Data Scientist.Show the difference in output after modifying changes.
6. Add another column emp_experience and insert the data into this column.Column should not contain any negative values.
7. Delete all employees whose age is greater than 65.