**ScienceQtech Employee Performance Mapping**

#(1) Create a database named employee, then import data\_science\_team.csv proj\_table.csv and emp\_record\_table.csv into the employee database from the given resource

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#(2) Create an ER diagram for the given employee database

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#(3) Write a query to fetch EMP\_ID, FIRST\_NAME, LAST\_NAME, GENDER, and DEPARTMENT from the employee record table, and make a list of employees and details of their department

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#(4) Write a query to fetch EMP\_ID, FIRST\_NAME, LAST\_NAME, GENDER, DEPARTMENT, and EMP\_RATING if the EMP\_RATING is: less than two, greater than four, between two and four

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#(5) Write a query to concatenate the FIRST\_NAME and the LAST\_NAME of employees in the Finance department from the employee table and then give the resultant column alias as NAME

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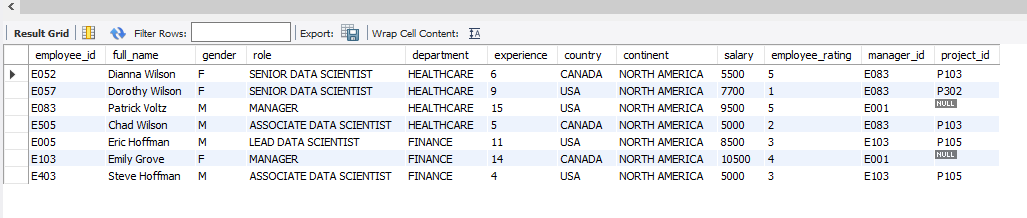
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#(6) Write a query to list only those employees who have someone reporting to them. Also, show the number of reporters (including the President)

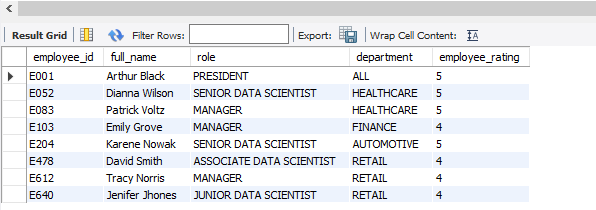
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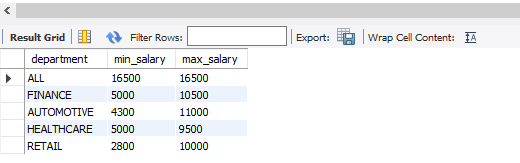
#(7) Write a query to list down all the employees from the healthcare and finance departments using union. Take data from the employee record table



#(8) Write a query to list down employee details such as EMP\_ID, FIRST\_NAME, LAST\_NAME, ROLE, DEPARTMENT, and EMP\_RATING grouped by dept. Also include the respective employee rating along with the max emp rating for the department.



#(9) Write a query to calculate the minimum and the maximum salary of the employees in each role. Take data from the employee record table



#(10) Write a query to assign ranks to each employee based on their experience. Take data from the employee record table

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#(11) Write a query to create a view that displays employees in various countries whose salary is more than six thousand. Take data from the employee record table

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# (12) Write a nested query to find employees with experience of more than ten years. Take data from the employee record table

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#(13) Write a query to create a stored procedure to retrieve the details of the employees whose experience is more than three years. Take data from the employee record table

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#(14) Write a query using stored functions in the project table to check whether the job profile assigned to each employee in the data science team matches the organization’s set standard.

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#(15) Create an index to improve the cost and performance of the query to find the employee whose FIRST\_NAME is ‘Eric’ in the employee table after checking the execution plan

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#(16) Write a query to calculate the bonus for all the employees, based on their ratings and salaries (Use the formula: 5% of salary \* employee rating)

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#(17) Write a query to calculate the average salary distribution based on the continent and country. Take data from the employee record table

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