**TERADATA CASE STUDY-1**

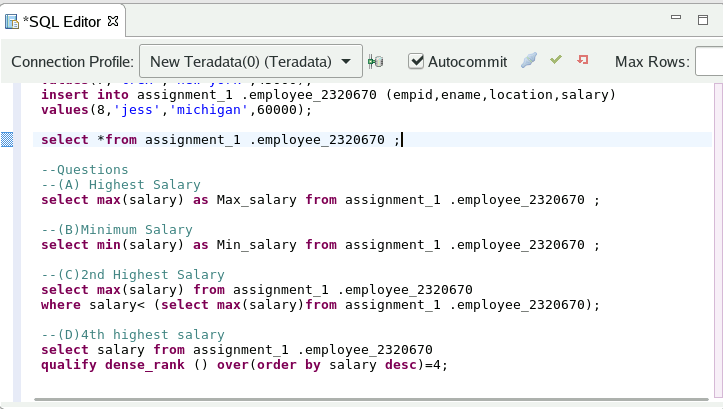
Name : NAGURU MOUNIKA

Employee ID : 2320670

Cohort Code : CSDAIA24DB002

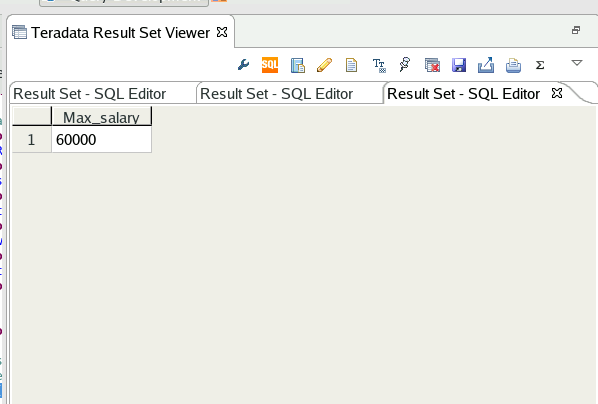
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Q) Write a query to find the highest salary from the above table.

(A)solution



Q)Write a query to find the lowest salary from the above table.

(B)Solution

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Q)Write a query to find the second highest salary from the above table.

©Solution

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Q) Write a query to find the fourth highest salary from the above table.

(D)solution

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**TERADATA CASE STUDY-2**

Name : NAGURU MOUNIKA

Employee ID : 2320670

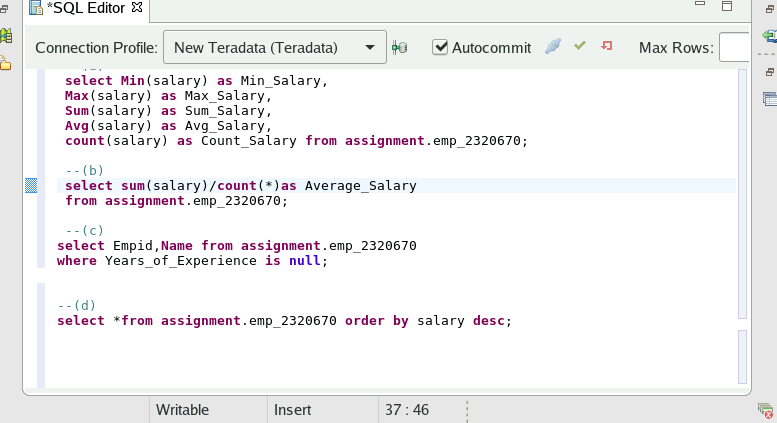
Cohort Code : CSDAIA24DB002

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Q)Given the table above, perform all the possible Aggregate Functions based on the salary (Min, Max, Sum, Count, Average etc.).

1. Solution

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Q)Calculate the average of salary without using Avg() Function.

B)Solution

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1. Select the employees with the years of experience NULL (Do not using any operator, such as ‘=’, EQ).

C)Solution

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Q) Sort the employee record based on the salary (highest to lowest).

D)Solution

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**TERADATA CASE STUDY-3**

Name : NAGURU MOUNIKA

Employee ID : 2320670

Cohort Code : CSDAIA24DB002

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1. Create a column named ‘Total’ and populate the total amount of salary for each designation.

(A)Solution

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1. Find the average amount of salary for each designation with and without using Avg() Function.

B)Solution

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Q) Create a new column named ‘Cummulative\_Sal’ and populate the cumulating sum of salary based on the order of employee ID.

C)Solution

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**TERADATA CASE STUDY-4**

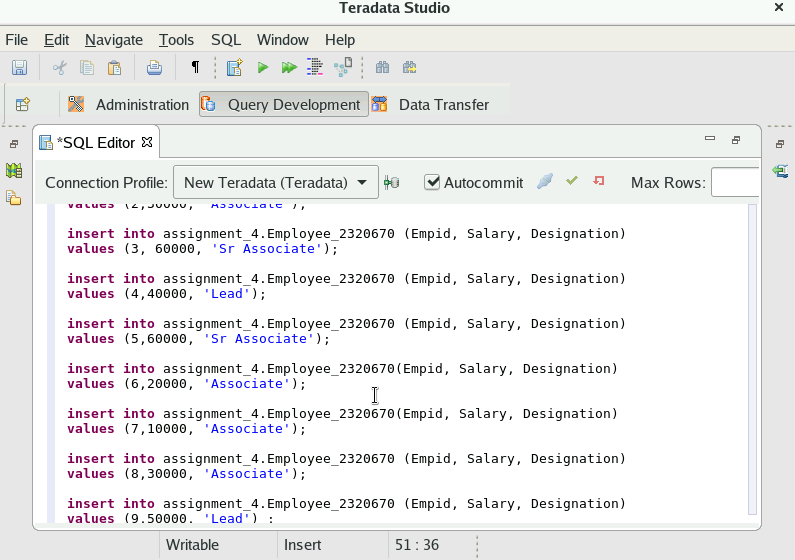
Name : NAGURU MOUNIKA

Employee ID : 2320670

Cohort Code : CSDAIA24DB002

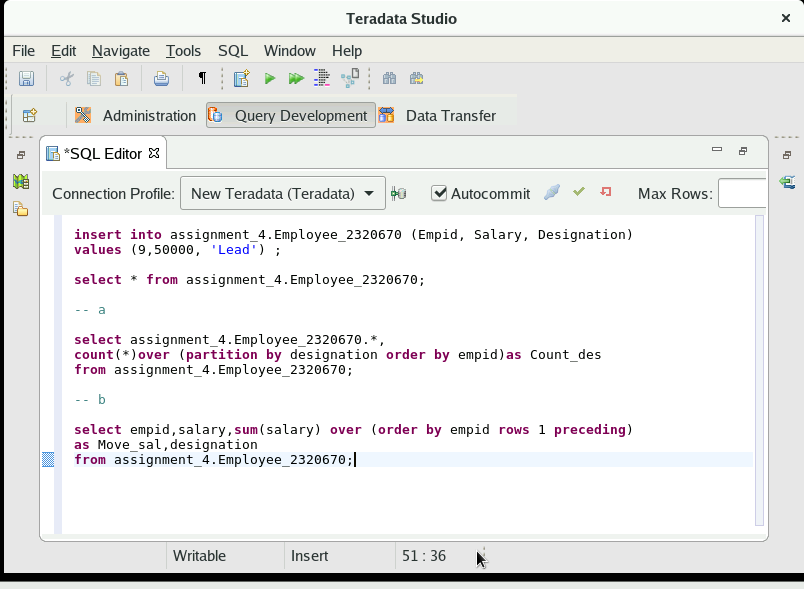
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Q)Create a column named ‘Count\_des’, and populate the total number of designation with the names of designation for the above table.

(A)Solution

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1. Create a new column named ‘Move\_Sal’, and populate the moving sum of salary for 2 employees based on the order of Employee ID. For example: Refer below, Sum of salary for Empid 1 and 2 is populated in Move\_sal.

* Sal(empid1)+Sal(empid2) = Move\_Sal(emp\_id2)
* Sal(empid2) + Sal(empid3) = Move\_Sal(empid3)

(B)Solution

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**TERADATA CASE STUDY-5**

Name : NAGURU MOUNIKA

Employee ID : 2320670

Cohort Code : CSDAIA24DB002

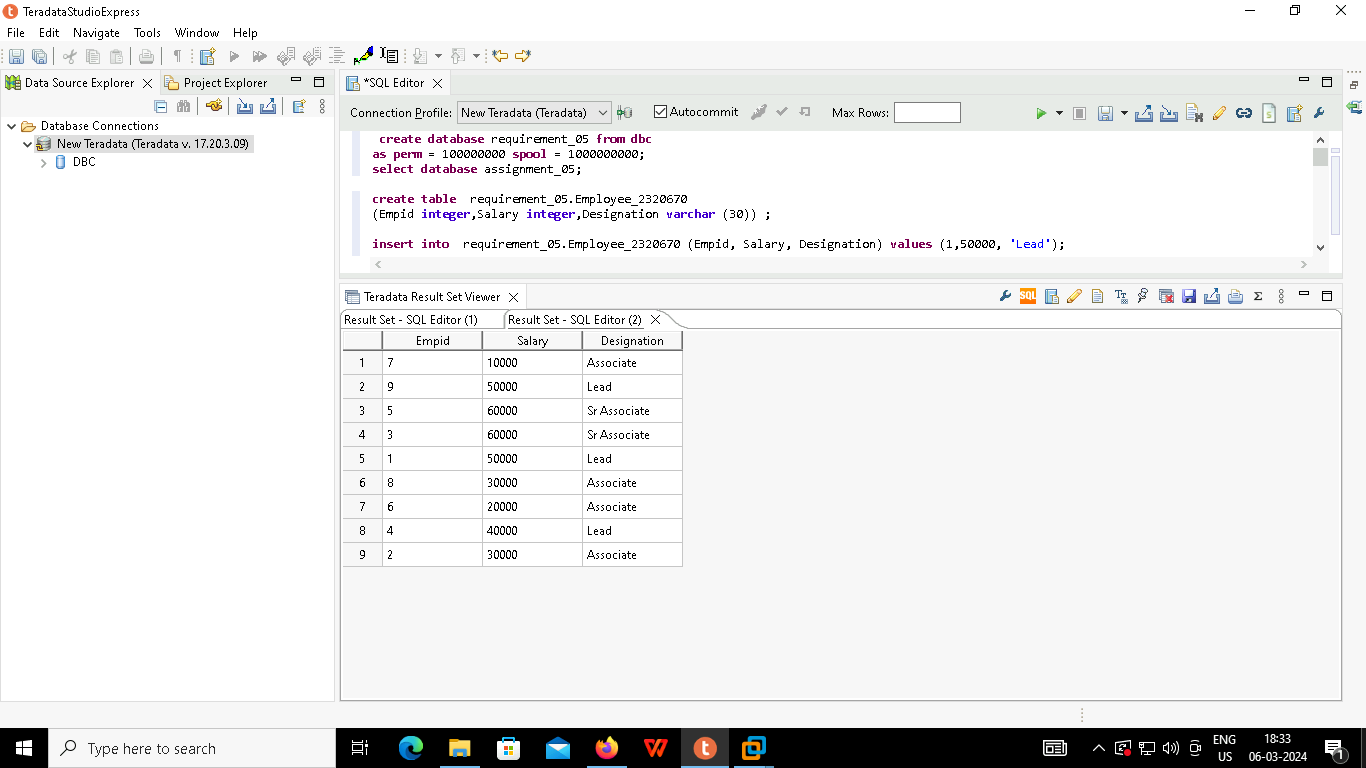
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--Insertion of data



Q) Write a query to fetch the sum of salaries given to each designation.

(A)Solution

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Q)Write a query to fetch employees whose designation is Associate, and increase their salary by 10000

(B)Solution

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Q) Create a new column ‘Quant\_Sal’, and populate the Quantile values for all the employees based on the salary column. (Quantile constant – 100)

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