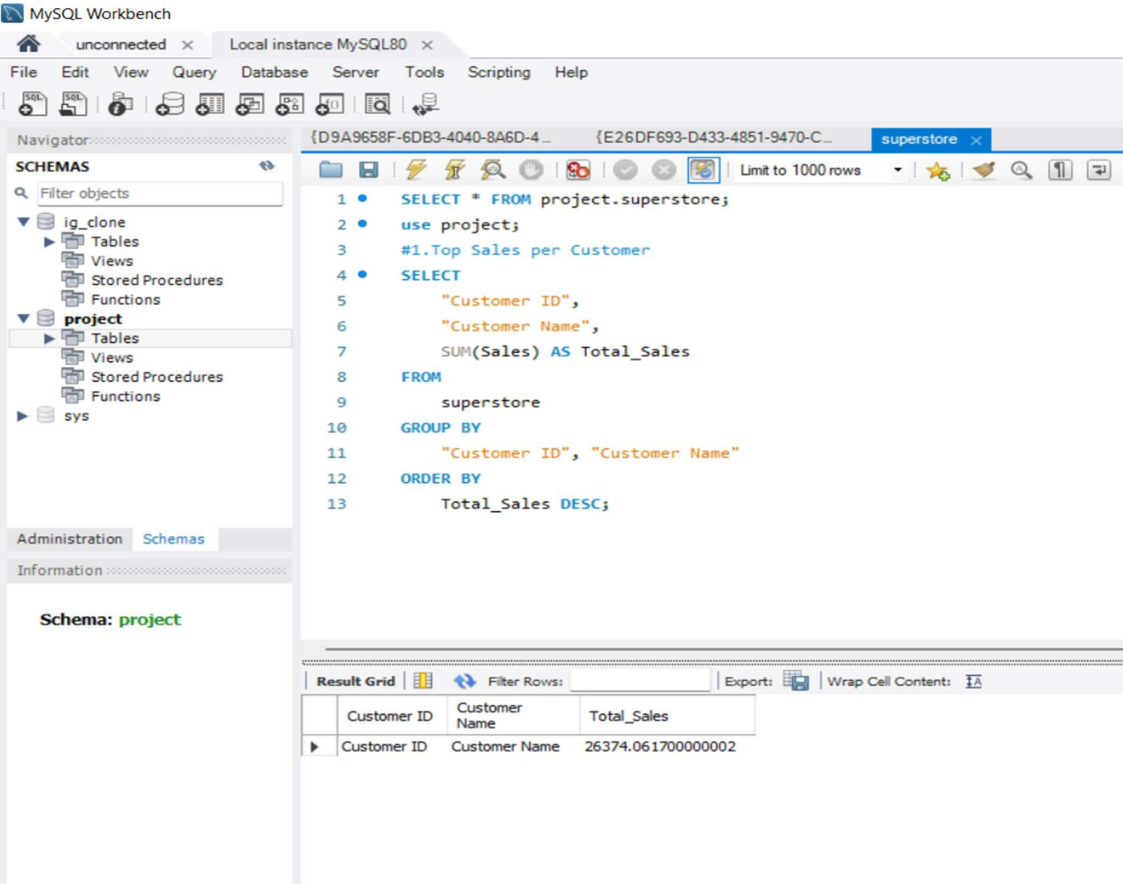


SKILLCHASE PROJECT

Analysis of Superstore Dataset

Obtain Sales Analysis of the following dataset and perform the Following 5 operations.

1.Top Sales per Customer



The screenshot shows the MySQL Workbench interface. The left sidebar displays the 'SCHEMAS' tree with 'project' selected. The main query editor contains the following SQL code:

```
1 • SELECT * FROM project.superstore;
2 • use project;
3 • #1.Top Sales per Customer
4 • SELECT
5 •     "Customer ID",
6 •     "Customer Name",
7 •     SUM(Sales) AS Total_Sales
8 • FROM
9 •     superstore
10 • GROUP BY
11 •     "Customer ID", "Customer Name"
12 • ORDER BY
13 •     Total_Sales DESC;
```

Below the query editor, the 'Result Grid' is visible, showing the first row of results:

Customer ID	Customer Name	Total_Sales
Customer ID	Customer Name	26374.061700000002

2.Average Discount by Product Category

MySQL Workbench

unconnected x Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator {D9A9658F-6DB3-4040-8A6D-4... {E26DF693-D433-4851-9470-C... superstore x

SCHEMAS

Filter objects

- ig_clone
 - Tables
 - Views
 - Stored Procedures
 - Functions
- project**
 - Tables
 - Views
 - Stored Procedures
 - Functions
- sys

Administration Schemas

Information

Schema: project

```
1 • SELECT * FROM project.superstore;
2 • use project;
3
4 #2.Average Discount by Product Category
5 • SELECT
6   Category,
7     AVG(Discount) AS Average_Discount
8 FROM
9   superstore
10 GROUP BY
11   Category;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

	Category	Average_Discount
▶	Furniture	0.1709375
	Office Supplies	0.1512195121951219
	Technology	0.13043478260869565

3. Top 5 Cities by Total Sales

MySQL Workbench

unconnected x Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator {D9A9658F-6DB3-4040-8A6D-4... {E26DF693-D433-4851-9470-C... superstore x

SCHEMAS

Filter objects

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Administration Schemas

Information

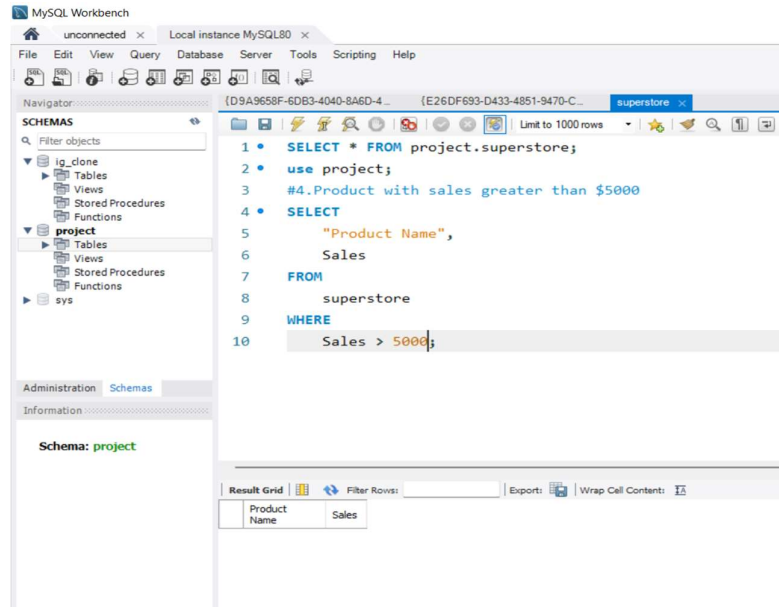
Schema: project

```
1 • SELECT * FROM project.superstore;
2 • use project;
3 #3.Top 5 Cities by Total Sales
4 • SELECT
5     City,
6     SUM(Sales) AS Total_Sales
7 FROM
8     superstore
9 GROUP BY
10    City
11 ORDER BY
12    Total_Sales DESC
13 LIMIT 5;
```

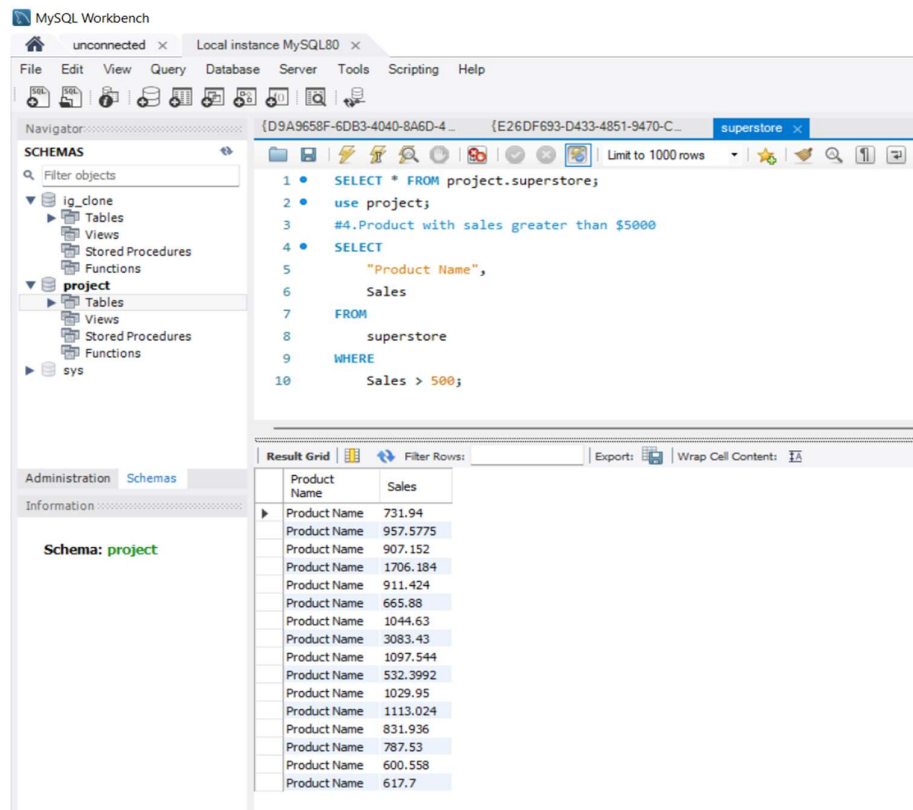
Result Grid Filter Rows: Export: Wrap Cell Content: Fetch rows:

	City	Total_Sales
▶	Los Angeles	4595.4640000000001
	Philadelphia	3393.948
	Houston	2065.1392
	Richardson	1288.4640000000002
	Gilbert	1280.992

4. Product with sales greater than \$5000



THIS SHOWS NO PRODCUTS HAVE SALES GREATER THEN \$5000. BUT IF THE TASK WAS TO FIND THE SALES GREATER THAN \$500 THEN THE RESULTS WILL BE AS FOLLOWS



5. Number of Orders per Shipping Mode

MySQL Workbench

unconnected x Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator: {D9A9658F-6DB3-4040-8A6D-4...} {E26DF693-D433-4851-9470-C...} superstore x

SCHEMAS

Filter objects

- ig_clone
 - Tables
 - Views
 - Stored Procedures
 - Functions
- project**
 - Tables
 - Views
 - Stored Procedures
 - Functions
- sys

Administration Schemas

Information

Schema: project

```
1 • SELECT * FROM project.superstore;
2 • use project;
3   #5. Number of Orders per Shipping Mode
4 • SELECT
5     "Ship Mode",
6     COUNT("Order ID") AS Number_of_Orders
7 FROM
8     superstore
9 GROUP BY
10    "Ship Mode";
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: I A

Ship Mode	Number_of_Orders
Ship Mode	137

Object Info Session Result 7 x