

MySQL Workbench

Aanchal MySQL

File Edit View Query Database Server Tools Scripting Help

Navigator: Step_1_SQL_Data_Analysis Step_2_SQL_Data_Analysis Total Sales & Customer Overview SQL File 5

SCHEMAS

- ccdb
- collage
- company
- companydb
- contact_manager
- customer_behavior
- keishnaraqvl
- mehga
- practice
- retail_sales_db
 - Tables
 - Views
 - Stored Procedures
 - Functions
- sakila
- startersql
- sys
- world
- yuktesh

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

```
1 • USE retail_sales_db;
2
3 -- Query 1: Overall Sales Performance
4 • SELECT
5     SUM(Total_Amount) AS Total_Sales,
6     COUNT(DISTINCT Customer_ID) AS Total_Customers,
7     (SUM(Total_Amount) / COUNT(DISTINCT Customer_ID)) AS Avg_Spend_Per_Customer
8 FROM retail_sales;
9
```

Result Grid

Total_Sales	Total_Customers	Avg_Spend_Per_Customer
456000.00	1000	456.000000

Form Editor

Field Types

Result 1

Output

#	Time	Action	Message	Duration / Fetch
1	07:35:17	SELECT SUM(Total_Amount) AS Total_Sales, COUNT(DISTINCT Customer_ID) AS ...	Error Code: 1046. No database selected Select the default DB to be used by double-clickin...	0.000 sec
2	07:35:40	SELECT SUM(Total_Amount) AS Total_Sales, COUNT(DISTINCT Customer_ID) AS ...	Error Code: 1046. No database selected Select the default DB to be used by double-clickin...	0.015 sec
3	07:38:05	SELECT SUM(Total_Amount) AS Total_Sales, COUNT(DISTINCT Customer_ID) AS ...	Error Code: 1146. Table 'retail_sales_db.retail_sales_db' doesn't exist	0.000 sec
4	07:40:05	USE retail_sales_db	0 row(s) affected	0.000 sec
5	07:40:05	SELECT SUM(Total_Amount) AS Total_Sales, COUNT(DISTINCT Customer_ID) AS T...	1 row(s) returned	0.016 sec / 0.000 sec

Object Info Session

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File Edit View Query Database Server Tools Scripting Help

Navigator: Step_1_SQL_Data_Analysis Step_2_SQL_Data_Analysis Total Sales & Customer Overview... Gender-wise Sales Analysis_SQL SQL File 6 SQL Additions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

SCHEMAS

- ccdb
- collage
- company
- companydb
- contact_manager
- customer_behavior
- keishnaraqql
- mehga
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- retail_sales_db**
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Step_2_SQL_Data_Analysis

```
-- Query 2: Gender-wise Sales Analysis
SELECT
    Gender,
    SUM(Total_Amount) AS Total_Sales,
    COUNT(*) AS Total_Transactions
FROM retail_sales
GROUP BY Gender
ORDER BY Total_Sales DESC;
```

Result Grid

Gender	Total_Sales	Total_Transactions
Female	232840.00	510
Male	223160.00	490

Result 1

Schema: **retail_sales_db**

Output

#	Time	Action	Message	Duration / Fetch
1	07:35:17	SELECT SUM(Total_Amount) AS Total_Sales, COUNT(DISTINCT Customer_ID) AS ...	Error Code: 1046. No database selected Select the default DB to be used by double-clickin...	0.000 sec
2	07:35:40	SELECT SUM(Total_Amount) AS Total_Sales, COUNT(DISTINCT Customer_ID) AS ...	Error Code: 1046. No database selected Select the default DB to be used by double-clickin...	0.015 sec
3	07:38:05	SELECT SUM(Total_Amount) AS Total_Sales, COUNT(DISTINCT Customer_ID) AS ...	Error Code: 1146. Table 'retail_sales_db.retail_sales_db' doesn't exist	0.000 sec
4	07:40:05	USE retail_sales_db	0 row(s) affected	0.000 sec
5	07:40:05	SELECT SUM(Total_Amount) AS Total_Sales, COUNT(DISTINCT Customer_ID) AS T...	1 row(s) returned	0.016 sec / 0.000 sec
6	07:42:03	SELECT Gender, SUM(Total_Amount) AS Total_Sales, COUNT(*) AS Total_Trans...	2 row(s) returned	0.016 sec / 0.000 sec

Object Info Session

MySQL Workbench

Aanchal MySQL

File Edit View Query Database Server Tools Scripting Help

Navigator: Step_1_SQL_Data_Analysis Step_2_SQL_Data_Analysis Total Sales & Customer Overview... Gender-wise Sales Analysis_SQL... Monthly Sales Trends SQLAdditions

SCHEMAS: Filter objects

- ccdb
- collage
- company
- companysql
- contact_manager
- customer_behavior
- keishnaraqql
- mehga
- practice
- retail_sales_db
 - Tables
 - Views
 - Stored Procedures
 - Functions
- sakila
- startersql
- sys
- world
- yuktesh

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

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

Month	Total_Sales
2023-01	35450.00
2023-02	44060.00
2023-03	28990.00
2023-04	33870.00
2023-05	53150.00
2023-06	36715.00
2023-07	35465.00
2023-08	36960.00
2023-09	23620.00
2023-10	46580.00

Result 2 x

Schema: retail_sales_db

Action Output

#	Time	Action	Message	Duration / Fetch
6	07:42:03	SELECT Gender, SUM(Total_Amount) AS Total_Sales, COUNT() AS Total_Transactions FROM retail_sales GROUP BY DATE_FORMAT(Date, '%Y-%m')	2 row(s) returned	0.016 sec / 0.000 sec
7	07:43:21	SELECT DATE_FORMAT(Transaction_Date, '%Y-%m') AS Month, SUM(Total_Amount) AS Total_Sales FROM retail_sales	Error Code: 1054. Unknown column 'Transaction_Date' in field list	0.016 sec
8	07:44:23	DESCRIBE retail_sales	11 row(s) returned	0.016 sec / 0.000 sec
9	07:47:11	SELECT DATE_FORMAT(Date, '%Y-%m') AS Month, SUM(Total_Amount) AS Total_Sales FROM retail_sales	Error Code: 1055. Expression #1 of SELECT list is not in GROUP BY clause and contains non-aggregated column 'retail_sales.Date' which is not functionally dependent on columns in GROUP BY clause; this is incompatible with sql_mode=only_full_group_by	0.000 sec
10	07:47:15	SELECT DATE_FORMAT(Date, '%Y-%m') AS Month, SUM(Total_Amount) AS Total_Sales FROM retail_sales	Error Code: 1055. Expression #1 of SELECT list is not in GROUP BY clause and contains non-aggregated column 'retail_sales.Date' which is not functionally dependent on columns in GROUP BY clause; this is incompatible with sql_mode=only_full_group_by	0.000 sec
11	07:49:12	SELECT DATE_FORMAT(Date, '%Y-%m') AS Month, SUM(Total_Amount) AS Total_Sales FROM retail_sales	13 row(s) returned	0.015 sec / 0.000 sec

Object Info Session

MySQL Workbench - Aanchal MySQL

File Edit View Query Database Server Tools Scripting Help

Navigator: Step_2_SQL_Data_Analysis Total Sales & Customer Overview Gender-wise Sales Analysis_SQL Monthly Sales Trend_SQL Product Category SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Code Editor:

```

1 SELECT
2     Product_Category,
3     SUM(Total_Amount) AS Total_Sales,
4     COUNT(*) AS Total_Transactions
5 FROM retail_sales
6 GROUP BY Product_Category
7 ORDER BY Total_Sales DESC;

```

Result Grid:

Product_Category	Total_Sales	Total_Transactions
Electronics	156905.00	342
Clothing	155580.00	351
Beauty	143515.00	307

Output:

#	Time	Action	Message	Duration / Fetch
7	07:43:21	SELECT DATE_FORMAT(Transaction_Date, "%Y-%m") AS Month, SUM(Total_Amount) AS Total_Sales, COUNT(*) AS Total_Transactions FROM retail_sales GROUP BY Product_Category ORDER BY Total_Sales DESC;	Error Code: 1054. Unknown column 'Transaction_Date' in field list'	0.016 sec
8	07:44:23	DESCRIBE retail_sales	11 row(s) returned	0.016 sec / 0.000 sec
9	07:47:11	SELECT DATE_FORMAT(Date, "%Y-%m") AS Month, SUM(Total_Amount) AS Total_Sales, COUNT(*) AS Total_Transactions FROM retail_sales GROUP BY Product_Category ORDER BY Total_Sales DESC;	Error Code: 1055. Expression #1 of SELECT list is not in GROUP BY clause and contains ...	0.000 sec
10	07:47:15	SELECT DATE_FORMAT(Date, "%Y-%m") AS Month, SUM(Total_Amount) AS Total_Sales, COUNT(*) AS Total_Transactions FROM retail_sales GROUP BY Product_Category ORDER BY Total_Sales DESC;	Error Code: 1055. Expression #1 of SELECT list is not in GROUP BY clause and contains ...	0.000 sec
11	07:49:12	SELECT DATE_FORMAT(Date, "%Y-%m") AS Month, SUM(Total_Amount) AS Total_Sales, COUNT(*) AS Total_Transactions FROM retail_sales GROUP BY Product_Category ORDER BY Total_Sales DESC;	13 row(s) returned	0.015 sec / 0.000 sec
12	07:51:14	SELECT Product_Category, SUM(Total_Amount) AS Total_Sales, COUNT(*) AS Total_Transactions FROM retail_sales GROUP BY Product_Category ORDER BY Total_Sales DESC;	3 row(s) returned	0.000 sec / 0.000 sec

MySQL Workbench - Aanchal MySQL

File Edit View Query Database Server Tools Scripting Help

Navigator: Total Sales & Customer Overview... Gender-wise Sales Analysis_SQL Monthly Sales Trend_SQL* Product Category-wise Sales_S... Age Group-wise SQL Additions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

```

1  SELECT
2   CASE
3     WHEN Age < 20 THEN 'Teen'
4     WHEN Age BETWEEN 20 AND 29 THEN '20s'
5     WHEN Age BETWEEN 30 AND 39 THEN '30s'
6     WHEN Age BETWEEN 40 AND 49 THEN '40s'
7     ELSE '50+'
8   END AS Age_Group,
9   SUM(Total_Amount) AS Total_Sales,
10  COUNT(*) AS Total_Transactions
11 FROM retail_sales
12 GROUP BY Age_Group
13 ORDER BY Total_Sales DESC;
14

```

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid Form Editor Field Types

Age_Group	Total_Sales	Total_Transactions
50+	143155.00	336
20s	97070.00	209
30s	96325.00	191
40s	93365.00	222
Teen	26085.00	42

Administration Schema: retail_sales_db Information

Result 1 x

Output:

#	Time	Action	Message	Duration / Fetch
8	07:44:23	DESCRIBE retail_sales	11 row(s) returned	0.016 sec / 0.000 sec
9	07:47:11	SELECT DATE_FORMAT(Date, "%Y-%m") AS Month, SUM(Total_Amount) AS Total...	Error Code: 1055. Expression #1 of SELECT list is not in GROUP BY clause and contains...	0.000 sec
10	07:47:15	SELECT DATE_FORMAT(Date, "%Y-%m") AS Month, SUM(Total_Amount) AS Total...	Error Code: 1055. Expression #1 of SELECT list is not in GROUP BY clause and contains...	0.000 sec
11	07:49:12	SELECT DATE_FORMAT(Date, "%Y-%m") AS Month, SUM(Total_Amount) AS Total...	13 row(s) returned	0.015 sec / 0.000 sec
12	07:51:14	SELECT Product_Category, SUM(Total_Amount) AS Total_Sales, COUNT(*) AS ...	3 row(s) returned	0.000 sec / 0.000 sec
13	07:52:36	SELECT CASE WHEN Age < 20 THEN 'Teen' WHEN Age BETWEEN 20 ...	5 row(s) returned	0.000 sec / 0.000 sec

Object Info Session