



MySQL Workbench

unconnected x Local instance MySQL80 x

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SCHEMAS

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Administration Schemas

Information

Table: **cleaned_ecommerce**

Columns:

Transaction_ID	int
User_Name	text
Age	int
Country	text
Product_Category	text
Purchase_Amount	double
Payment_Method	text
Transaction_Date	text
Year	int
Month (in date)	int
Month_in_text	text
Age_group	text

Limit to 50000 rows

```
20
21 -- 4. Seasonal Trends
22 • SELECT Year, Month_in_text, SUM(Purchase_Amount) as Total_purchase
23 FROM cleaned_ecommerce
24 GROUP BY Year, Month_in_text
25 ORDER BY Total_purchase DESC;
26
27 -- 5. Top 5 Users by Lifetime Purchase
28 • SELECT User_Name, SUM(Purchase_Amount) as Total_Spent
29 FROM cleaned_ecommerce
30 GROUP BY User_Name
31 ORDER BY Total_Spent DESC
32 limit 5;
33
34 -- 6. Category-wise Monthly Trend
35 • SELECT Month_in_text, Product_Category, SUM(Purchase_Amount) as Total_Spent
36 FROM cleaned_ecommerce
37 GROUP BY Month_in_text, Product_Category
38 ORDER BY Month_in_text desc;
39
```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
3	15:16:31	SELECT User_Name, SUM(Purchase_Amount) as Total_Spent FROM cleaned_ecommerce GROUP BY User...	100 row(s) returned	0.094 sec / 0.000 sec
4	15:16:44	SELECT User_Name, SUM(Purchase_Amount) as Total_Spent FROM cleaned_ecommerce GROUP BY User...	5 row(s) returned	0.079 sec / 0.000 sec
5	15:16:55	SELECT Age_group, Payment_Method, COUNT(*) AS Preference FROM cleaned_ecommerce GROUP BY Ag...	18 row(s) returned	0.125 sec / 0.000 sec
6	15:17:05	SELECT Country, Product_Category, SUM(Purchase_Amount) as Total_Spent FROM cleaned_ecommerce G...	3 row(s) returned	0.141 sec / 0.000 sec
7	15:17:40	SELECT Year, Month_in_text, SUM(Purchase_Amount) as Total_purchase FROM cleaned_ecommerce GRO...	25 row(s) returned	0.093 sec / 0.000 sec
8	15:17:53	SELECT Year, Month_in_text, SUM(Purchase_Amount) as Total_purchase FROM cleaned_ecommerce GRO...	25 row(s) returned	0.094 sec / 0.000 sec

Context Help Snippets

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

Administration

Schemas

Information

Table:

cleaned_ecommerce

Columns:

Transaction_ID

int

User_Name

text

Age

int

Country

text

Product_Category

text

Purchase_Amount

double

Payment_Method

text

Transaction_Date

text

Year

int

Month (in date)

int

Month_in_text

text

Age_group

text

Object Info

Session

```
40 -- 7. Age Group that Spends the Most (in average)
41 • SELECT Age_group, AVG(Purchase_Amount) as Avg_Spend
42 FROM cleaned_ecommerce
43 GROUP BY Age_group
44 ORDER BY Avg_Spend DESC;
45
```

Output					
Action Output					
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