

MySQL Workbench

Local instance MySQL80 x

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Navigator: Schemas Filter objects

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    - order table
      - Columns
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        - Product\_id
        - Order\_date
        - Product\_name
        - Quantity
        - Unit\_Price
        - Total\_Amount
      - Indexes
      - Foreign Keys
      - Triggers
    - student
    - work1

Administration Schemas

Information

Table: order table

Columns:

- Order\_id varchar(5) PK
- Product\_id varchar(4)
- Order\_date date
- Product\_name varchar(4)
- Quantity float
- Unit\_Price float
- Total\_Amount float

Query 1 SQL File 3\* employees order table - Table order table x

Limit to 1000 rows

```
1 SELECT * FROM testdb.`order table`;
2
3 EXTRACT MONTH FROM ORDER DATE
4
5 SELECT *, MONTH("ORDER_DATE") AS "MONTH"
6 FROM `testdb`.`order table`;
7
8
9
10
```

SQLAdditions 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 Contents: 15

Order_id	Product_id	Order_date	Product_name	Quantity	Unit_Price	Total_Amount	MONTH
O0001	P105	2023-08-07	Keyboard	1	309	309	8
O0002	P100	2023-01-09	Laptop	2	117	234	1
O0003	P103	2023-12-30	Monitor	1	203	203	12
O0004	P107	2023-02-03	Charger	4	335	1340	2
O0005	P104	2023-10-06	Headphones	5	176	880	10

Result 3 x

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
56	15:06:49	SELECT FROM `testdb`.`order table`	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL se...	0.015 sec
57	15:07:27	SELECT *, MONTH("ORDER_DATE") AS "MONTH" FROM `testdb`.`order table` LIMIT 0, 1000	200 row(s) returned	0.032 sec / 0.000 sec

Object Info Session

15:07 29-04-2025

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Navigator

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Filter objects

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Tables

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order table

Columns

Order\_id  
Product\_id  
Order\_date  
Product\_name  
Quantity  
Unit\_Price  
Total\_Amount

Indexes  
Foreign Keys  
Triggers

student  
work1

Query 1

SQL File 3\* employees order table - Table order table

Limit to 1000 rows

```
1 SELECT * FROM testdb.`order table`;  
2  
3 EXTRACT MONTH FROM ORDER DATE  
4  
5 SELECT *, MONTH("ORDER_DATE") AS "MONTH"  
6 FROM SELECT SUM(Total_amount) ,  
7 MONTH("ORDER_DATE") AS "MONTH" FROM testdb.`order table` ;  
8  
9 the total revenue generated each month  
10 SELECT SUM(Total_amount) ,  
11 MONTH("ORDER_DATE") AS "MONTH" FROM testdb.`order table`  
12 Group by month;  
13  
14  
15
```

SQLAdditions

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Administration Schemas

Information

Table: order table

Columns:

Order\_id varchar(5) PK  
Product\_id varchar(4)  
Order\_date date  
Product\_name varchar(4)  
Quantity float  
Unit\_Price float  
Total\_Amount float

Result Grid

SUM(Total_amount)	MONTH
16985	8
13043	1
10459	12
14492	2
12239	10

Result 4 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
59	15:13:13	SELECT SUM(Total_amount) , MONTH("ORDER_DATE") AS "MONTH" FROM EMPLOYEES Group by mont...	Error Code: 1054. Unknown column 'Total_amount' in 'field list'	0.000 sec.
60	15:17:15	SELECT SUM(Total_amount) , MONTH("ORDER_DATE") AS "MONTH" FROM testdb.`order table` Group by ...	12 row(s) returned	0.016 sec / 0.000 sec

Object Info Session

Search

15:17 29-04-2025

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Administration Schemas

Information

Table: order table

Columns:

- Order\_id varchar(5) PK
- Product\_id varchar(4)
- Order\_date varchar(4)
- Product\_name varchar(4)
- Unit\_Price float
- Total\_Amount float

Object Info Session

Query 1 SQL File 3\* employees order table - Table order table

Limit to 1000 rows

```
8
9 the total revenue generated each month
10 SELECT SUM(Total_amount) ,
11 MONTH('ORDER_DATE') AS 'MONTH' FROM testdb.`order table`
12 Group by month order by month asc;
13
14 the number of unique orders placed each month.
15 select count( distinct order_id),
16 Month('Order_date') as 'month'
17 from testdb.`order table`
18 Group by month
19 order by month asc;
20
21
22
23
```

SQLAdditions

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

Result Grid

count( distinct order_id)	month
17	1
16	2
17	3
14	4

Result 10 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
65	16:34:13	select count( distinct order_id), Month('Order_date') as 'month' from testdb.`order table` Group by month LIMIT...	1 row(s) returned	0.016 sec / 0.000 sec
66	16:35:08	select count( distinct order_id), Month('Order_date') as 'month' from testdb.`order table` Group by month ord...	12 row(s) returned	0.000 sec / 0.000 sec

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16:35 29-04-2025

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Administration Schemas

Information

Table: order table

Columns:

Order\_id varchar(5) PK  
Product\_id varchar(4)  
Order\_date varchar(4)  
Product\_name varchar(4)  
Quantity float  
Unit\_Price float  
Total\_Amount float

Query 1

SQL File 3\* employees order table - Table order table

Limit to 1000 rows

```
7 MONTH('ORDER_DATE') AS 'MONTH' FROM testdb.`order table` ;  
8  
9 the total revenue generated each month  
10 SELECT SUM(Total_amount) ,  
11 MONTH('ORDER_DATE') AS 'MONTH' FROM testdb.`order table`  
12 Group by month order by month asc;  
13  
14 the number of unique orders placed each month.  
15 select count( distinct order_id),  
16 Month('Order_date') as 'month'  
17 from testdb.`order table`  
18 Group by month  
19 order by month asc;  
20  
21 the top 3 months with the highest total revenue.  
22 SELECT MONTH('ORDER_DATE') AS 'Month',  
23 SUM(Total_amount) AS 'Total_Revenue'
```

Result Grid

Month	Total Revenue
7	21730
11	17669
8	16985

Result 12 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
68	16:39:23	SELECT SUM(TOTAL_AMOUNT), MONTH('ORDER_DATE') AS 'MONTH', MAX(month), FROM testdb.`or...	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL se...	0.016 sec
69	16:40:18	SELECT MONTH('ORDER_DATE') AS 'Month', SUM(Total_amount) AS 'Total_Revenue' FROM testdb. ...	3 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

SQLAdditions

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Search

ENG IN

16:40 29-04-2025

MySQL Workbench

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Navigator

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Administration Schemas

Information

Table: order table

Columns:

Order\_id varchar(5) PK  
Product\_id varchar(4)  
Order\_date date  
Product\_name varchar(4)  
Quantity float  
Unit\_Price float  
Total\_Amount float

Query 1

SQL File 3\* employees order table - Table order table

Limit to 1000 rows

```
36 order by asc;  
37  
38 SELECT MONTH('ORDER_DATE') AS 'Month',  
39 SUM(TOTAL_AMOUNT) AS 'Total_Revenue',  
40 COUNT(DISTINCT ORDER_ID) AS 'No_of_Orders'  
41 FROM testdb.`order table`  
42 WHERE YEAR('ORDER_DATE') = 2023  
43 GROUP BY MONTH('ORDER_DATE')  
44 ORDER BY 'Month' ASC;  
45  
46  
47  
48  
49  
50  
51
```

SQLAdditions

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

Result Grid

Month	Total Revenue	No_of_Orders
1	13043	17
2	14492	16
3	13700	17
4	12098	14
5	6718	10

Result 13 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
74	16:47:29	SELECT MONTH('ORDER_DATE') AS 'MONTH', SUM(TOTAL_AMOUNT) AS 'TOTAL REVENUE', COUNT...	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL se...	0.000 sec
75	16:47:34	SELECT MONTH('ORDER_DATE') AS 'Month', SUM(TOTAL_AMOUNT) AS 'Total_Revenue', COU...	12 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Windows taskbar: Search, 16:47, 29-04-2025

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Administration Schemas

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Table: order table

Columns:

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Product\_id varchar(4)  
Order\_date date  
Product\_name varchar(4)  
Quantity float  
Unit\_Price float  
Total\_Amount float

Object Info Session

Query 1 SQL File 3\* employees order table - Table order table

Limit to 1000 rows

36 ORDER BY 'Month' ASC;

37

38 the average order value (Total\_amount) per month in 2023, and only include months where total revenue was greater than ₹10000.

39

40

41 SELECT MONTH('ORDER\_DATE') AS 'MONTH',

42 AVG(TOTAL\_AMOUNT) AS 'AVG REVENUE',

43 SUM(TOTAL\_AMOUNT) AS 'TOTAL REVENUE'

44 FROM testdb. 'order table'

45 WHERE YEAR('ORDER\_DATE') = 2023

46 GROUP BY MONTH('ORDER\_DATE')

47 HAVING SUM(TOTAL\_AMOUNT) > 10000

48 ORDER BY 'MONTH';

Result Grid

	MONTH	AVG REVENUE	TOTAL REVENUE
1	767.2352941176471	13043	
2	905.75	14492	
3	805.8823529411765	13700	
4	864.1428571428571	12098	
6	908.5882352941177	15446	
7	987.7272727272727	21730	
8	772.0454545454545	16985	
10	719.9411764705883	12239	
11	841.3809523809524	17669	

Result 17

Output

Action Output

Message

Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL se... 0.000 sec

88 18:01:05 SELECT MONTH('ORDER\_DATE') AS 'MONTH', AVG(TOTAL\_AMOUNT) AS 'AVG REVENUE', SUM(TOT... 10 row(s) returned 0.000 sec / 0.000 sec

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18:01 29-04-2025



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Administration Schemas

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Columns:

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- Product\_id varchar(4)
- Order\_date date
- Product\_name varchar(4)
- Quantity float
- Unit\_Price float
- Total\_Amount float

Query 1

```
the top 3 months with the highest number of orders placed in 2023.
SELECT COUNT(DISTINCT ORDER_ID) as 'no.of orders',
MONTH ('ORDER_DATE') AS 'MONTH'
FROM testdb.`order table`
Group by 'MONTH'
order by 'no.of orders' DESC
LIMIT 3;
```

Result Grid

	no.of orders	MONTH
22	7	
22	8	
21	11	

SQL Additions

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Read Only Context Help Snippets

Output

#	Time	Action	Message	Duration / Fetch
88	18:01:05	SELECT MONTH(ORDER_DATE) AS 'MONTH', AVG(TOTAL_AMOUNT) AS 'AVG REVENUE', SUM(TOT...	10 row(s) returned	0.000 sec / 0.000 sec
89	18:05:50	SELECT COUNT(DISTINCT ORDER_ID) as 'no.of orders', MONTH (ORDER_DATE) AS 'MONTH' FRO...	3 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

18:06 29-04-2025