

Local instance MySQL80

File

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customer

SQL File 13*

SQL File 14*

SQL File 15*

SQL File 16*

SQL File 17*

SQL File 18*

SQL File 19*

SQL File 20*

Limit to 1000 rows

1

-- Find the average payment amount.

2

• select avg(amount)

3

from payment

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

avg(amount)
48.0000

Result 1

Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 147	15:17:22	SELECT count(customer_id) from customer LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
✓ 148	15:19:12	select avg(amount) from payment LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
✓ 149	15:23:07	select max(amount) as higehest from payment LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
✓ 150	15:25:15	select max(amount) as higehest from payment limit 5	1 row(s) returned	0.000 sec / 0.000 sec
✗ 151	15:26:23	select* from payment order by amount DESC LIMIT 5,	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL se...	0.000 sec
✓ 152	15:26:52	select* from payment order by amount DESC LIMIT 5	5 row(s) returned	0.000 sec / 0.000 sec

SCHEMAS

Filter objects

customer_payment_db

Tables

customer

payment

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Functions

Administration

Schemas

Information

Table: payment

Columns:

customer_id int

amount int

mode text

payment_date text

Object Info

Session

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customer

SQL File 13*

SQL File 14*

SQL File 15*

SQL File 16*

SQL File 17*

SQL File 18*

SQL File 19*

SQL File 20*

Limit to 1000 rows

1

-- Find all payments made using the 'Cash' method.

2

• SELECT amount as cash_amount

3

from payment

4

WHERE mode = 'cash'

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

cash_amount
60
10
80
70

Administration

Schemas

Information

payment 2

Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 147	15:17:22	SELECT count(customer_id) from customer LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
✓ 148	15:19:12	select avg(amount) from payment LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
✓ 149	15:23:07	select max(amount) as higheest from payment LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
✓ 150	15:25:15	select max(amount) as higheest from payment limit 5	1 row(s) returned	0.000 sec / 0.000 sec
✗ 151	15:26:23	select* from payment order by amount DESC LIMIT 5,	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL se...	0.000 sec
✓ 152	15:26:52	select* from payment order by amount DESC LIMIT 5	5 row(s) returned	0.000 sec / 0.000 sec

Table: payment

Columns:

customer_id int

amount int

mode text

payment_date text

Object Info

Session

Filter objects

customer_payment_db

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Schemas

Information

Table: payment

Columns:

customer_idint

amountint

modetext

payment_datetext

customer

SQL File 13*

SQL File 14*

SQL File 15*

SQL File 16*

SQL File 17*

SQL File 18*

SQL File 19*

SQL File 20*

Limit to 1000 rows

1

-- Retrieve only first_name, last_name, and city of customers.

2

SELECT first_name, last_name

3

FROM customer

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	first_name	last_name
▶	Mary	Smith
	Patricia	Johnson
	Madan	Mohan
	Barbara	Jones
	Elizabeth	Brown
	Jennifer	Davis
	Maria	Miller
	Susan	Wilson
	R	Madhav
	Dorothy	Taylor

customer 2

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 147	15:17:22	SELECT count(customer_id) from customer LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
✓ 148	15:19:12	select avg(amount) from payment LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
✓ 149	15:23:07	select max(amount) as higehest from payment LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
✓ 150	15:25:15	select max(amount) as higehest from payment limit 5	1 row(s) returned	0.000 sec / 0.000 sec
✗ 151	15:26:23	select* from payment order by amount DESC LIMIT 5,	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL se...	0.000 sec
✓ 152	15:26:52	select* from payment order by amount DESC LIMIT 5	5 row(s) returned	0.000 sec / 0.000 sec



Navigator

SCHEMAS

Filter objects

▼ customer_payment_db

▼ Tables

▶ customer

▶ payment

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customer SQL File 21* SQL File 22* SQL File 23* SQL File 24* SQL File 25* SQL File 27* SQL File 28* SQL File 29* x

Limit to 1000 rows

```
1 -- Display the maximum payment done by each customer.
2 • SELECT c.customer_id,c.first_name, c.last_name ,MAX(p.amount) AS max_payment
3 FROM customer c
4 JOIN payment p ON c.customer_id = p.customer_id
5 GROUP BY c.customer_id, c.first_name , c.last_name
```

Result Grid Filter Rows: Export: Wrap Cell Content:

	customer_id	first_name	last_name	max_payment
▶	1	Mary	Smith	60
	2	Patricia	Johnson	30
	3	Madan	Mohan	90
	4	Barbara	Jones	50
	5	Elizabeth	Brown	40
	6	Jennifer	Davis	40
	7	Maria	Miller	10
	8	Susan	Wilson	30
	9	R	Madhav	80
	10	Dorothy	Taylor	50
	11	Lisa	Anderson	70
	12	Nancy	Thomas	60
	13	Karen	Jackson	30

Result 1 x

Output

Action Output

Time Action

Message

Duration / Fetch

Query Completed

Type here to search



Earnings upcoming

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Navigator

SCHEMAS

Filter objects

customer_payment_db

Tables

customer

payment

Views

Stored Procedures

Functions

customer SQL File 21* SQL File 22* SQL File 23* SQL File 24* SQL File 25* SQL File 27* SQL File 28* x SQL File 29*

Limit to 1000 rows

```
1 -- Find customers who have not made any payments (use LEFT JOIN).
2 • SELECT c.customer_id,c.first_name , c.last_name
3 FROM customer as c
4 LEFT JOIN payment as p ON c.customer_id = p.customer_id
5 WHERE p.mode IS NULL;
```

Result Grid Filter Rows: Export: Wrap Cell Content:

customer_id	first_name	last_name
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Administration Schemas

Information

Schema:

customer_payment_db

Result 1 x

Read Only

Output

Action Output

Object Info Session

#	Time	Action	Message	Duration / Fetch
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Query Completed

Type here to search



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Navigator

SCHEMAS

Filter objects

- customer_payment_db
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Administration Schemas

Information

Schema:
customer_payment_db

Object Info Session

Query Completed

customer SQL File 21* SQL File 22* SQL File 23* SQL File 24* SQL File 25* SQL File 27* x SQL File 28* SQL File 29*

Limit to 1000 rows

```
1 -- Display total revenue generated per payment method.
2 SELECT mode,SUM(amount) AS total_revenue
3 FROM payment
4 GROUP BY mode
```

Result Grid Filter Rows: Export: Wrap Cell Content:

	mode	total_revenue
▶	Cash	220
	Credit Card	200
	Debit Card	90
	Mobile Payment	120
	Netbanking	90

Result 1 x

Output

Action Output

Time Action

Message

Duration / Fetch

Read Only

Result Grid

Form Editor

Field Types

Query Stats



Navigator

SCHEMAS

Filter objects

- customer_payment_db
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 - Functions

customer SQL File 21* SQL File 22* SQL File 23* SQL File 24* SQL File 25* x SQL File 27* SQL File 28* SQL File 29*

Limit to 1000 rows

```
1 -- Retrieve customers who made payments using UPI or Credit Card.
2 • SELECT count(customer_id), mode
3   from payment
4  where mode = "credit card"
5  group by customer_id
```

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

	count(customer_id)	mode
▶	4	Credit Card

Administration Schemas

Information

Schema:
customer_payment_db

Result 1 x

Read Only

Output

Action Output

Object Info Session

Time Action

Message

Duration / Fetch

Query Completed

Type here to search



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Navigator

SCHEMAS

Filter objects

- customer_payment_db
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Administration Schemas

Information

Schema:
customer_payment_db

Object Info Session

Query Completed

customer SQL File 21* SQL File 22* SQL File 23* SQL File 24* x SQL File 25* SQL File 27* SQL File 28* SQL File 29*

Limit to 1000 rows

```
1 -- Find the number of payments made per customer.
2 SELECT customer_id, count(amount)
3 from payment
4 group by customer_id
```

Result Grid Filter Rows: Export: Wrap Cell Content: 14

	customer_id	count(amount)
1	1	1
2	1	1
3	1	1
4	1	1
5	1	1
6	1	1
7	1	1
8	1	1
9	1	1
10	1	1
11	1	1
12	1	1
13	1	1
14	1	1

Result 1 x

Output

Action Output

Time Action

Message

Duration / Fetch

Result Grid

Form Editor

Field Types

Query Stats

Read Only



Navigator

SCHEMAS

Filter objects

- customer_payment_db
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 - Functions

customer SQL File 21* SQL File 22* SQL File 23* x SQL File 24* SQL File 25* SQL File 27* SQL File 28* SQL File 29*

Limit to 1000 rows

```
1 -- Show average payment per payment method.
2 SELECT mode, avg(amount)
3 FROM payment
4 GROUP BY mode
```

Result Grid Filter Rows: Export: Wrap Cell Content: 18

	mode	avg(amount)
▶	Cash	55.0000
	Credit Card	50.0000
	Debit Card	45.0000
	Mobile Payment	40.0000
	Netbanking	45.0000

Administration Schemas

Information

Schema:
customer_payment_db

Result 1 x

Read Only

Output

Action Output

Time Action

Message

Duration / Fetch

Query Completed

Type here to search



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MySQL Workbench

Local instance MySQL80 (cus ... x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

customer_payment_db

- Tables
 - customer
 - payment
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- Stored Procedures
- Functions

customer SQL File 21* SQL File 22* x SQL File 23* SQL File 24* SQL File 25* SQL File 27* SQL File 28* SQL File 29*

Limit to 1000 rows

```

1  -- Find customers who made payments greater than 100 in total.
2  • SELECT c.first_name, c.last_name, SUM(p.amount) AS Total_amount
3  FROM CUSTOMER AS c
4  JOIN PAYMENT as p
5  ON c.customer_id = p.customer_id
6  WHERE p.amount > '50'
7  GROUP BY c.first_name, c.last_name
    
```

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

	first_name	last_name	Total_amount
▶	Mary	Smith	60
	Madan	Mohan	90
	R	Madhav	80
	Lisa	Anderson	70
	Nancy	Thomas	60

Schema: customer_payment_db

Object Info Session

Output

Action Output

Time Action Message Duration / Fetch

Query Completed



Navigator

SCHEMAS

Filter objects

- customer_payment_db
 - Tables
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Administration Schemas

Information

Schema:
customer_payment_db

Object Info Session

Query Completed

customer SQL File 21* x SQL File 22* SQL File 23* SQL File 24* SQL File 25* SQL File 27* SQL File 28* SQL File 29*

```
1 -- Show customer names along with their total payment amount (using JOIN).
2 SELECT c.first_name, c.last_name, SUM(p.amount) AS Total_amount
3 FROM CUSTOMER AS c
4 JOIN PAYMENT as p
5 ON c.customer_id = p.customer_id
6 GROUP BY c.first_name, c.last_name
```

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

	first_name	last_name	Total_amount
▶	Mary	Smith	60
	Patricia	Johnson	30
	Madan	Mohan	90
	Barbara	Jones	50
	Elizabeth	Brown	40
	Jennifer	Davis	40
	Maria	Miller	10
	Susan	Wilson	30
	R	Madhav	80
	Dorothy	Taylor	50
	Lisa	Anderson	70
	Nancy	Thomas	60
	Karen	Jackson	30
	Rathu	White	50

Result 2 x

Output

Action Output

Time Action

Message

Duration / Fetch

MySQL Workbench

Local instance MySQL80 (cus... x)

FileEditViewQueryDatabaseServerToolsScriptingHelp

Navigator

SCHEMAS

Filter objects

customer_payment_db

Tables

customer

payment

Views

Stored Procedures

Functions

customer SQL File 30* x

Limit to 1000 rows

```
1 -- Use a CTE to calculate each customer's total payment and filter totals > 30.
2 WITH total_per_customer AS (
3     SELECT customer_id, SUM(amount) AS total_paid
4     FROM payment
5     GROUP BY customer_id
6 )
7 SELECT c.first_name, c.last_name, t.total_paid
8 FROM customer c
9 JOIN total_per_customer t ON c.customer_id = t.customer_id
10 WHERE t.total_paid > 30;
```

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	first_name	last_name	total_paid
▶	Mary	Smith	60
	Madan	Mohan	90
	Barbara	Jones	50
	Elizabeth	Brown	40
	Jennifer	Davis	40
	R	Madhav	80
	Dorothy	Taylor	50

Result 1 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✖ 190	18:30:50	SELECT c.customer_id, c.first_name, c.last_name, MAX(p.amount) AS max_payment FROM custo...	Error Code: 1054. Unknown column 'c.customer_name' in 'group statement'	0.000 sec
✔ 191	18:31:10	SELECT c.customer_id, c.first_name, c.last_name, MAX(p.amount) AS max_payment FROM custo...	15 row(s) returned	0.000 sec / 0.000 sec
✖ 192	23:33:27	WITH total_per_customer AS (SELECT customer_id, SUM(amount) AS total_paid FROM payments GROU...	Error Code: 1146. Table 'customer_payment_db.customers' doesn't exist	0.000 sec
✔ 193	23:35:02	WITH total_per_customer AS (SELECT customer_id, SUM(amount) AS total_paid FROM payment GROU...	10 row(s) returned	0.015 sec / 0.000 sec

Object Info

Session

Query Completed

Administration

Schemas

Information

Schema: customer_payment_db

Result Grid

Form Editor

Read Only

Windows

Type here to search

Taskbar

21°C Mostly cloudy

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