

MySQL Workbench

Local instance MySQL80

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Navigator

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Filter objects

ecommerce_db

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Views

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Functions

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mathru

Tables

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Views

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Functions

seakile

store

sys

world

SQL File 3 Administration - Data Import/Res...

Don't Limit

```
1 CREATE DATABASE ecommerce_db;
2 USE ecommerce_db;
3
4 show tables;
5
6 SELECT
7     c.customer_id,
8     c.name,
9     COUNT(o.order_id) AS total_orders
10 FROM customers c
11 LEFT JOIN orders o ON c.customer_id = o.customer_id
12 GROUP BY c.customer_id, c.name
13 ORDER BY total_orders DESC;
14
```

SQLAdditions

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

Context Help Snippets

Administration Schemas

Information

Schema: ecommerce_db

Object Info Session

Output

#	Time	Action	Message	Duration / Fetch
32	19:29:57	SHOW DATABASES	OK	0.000 sec
33	19:29:59	SHOW SESSION VARIABLES LIKE 'lower_case_table_names'	OK	0.000 sec
34	19:29:59	SHOW TABLES FROM 'ecommerce_db' like 'products'	OK	0.000 sec
35	19:30:01	CREATE TABLE 'ecommerce_db'.products (product_id int, 'name' text, 'category' text, 'price' int)	OK	0.000 sec
36	19:30:01	PREPARE stmt FROM 'INSERT INTO 'ecommerce_db'.products (product_id,'name','category','price') VAL...	OK	0.000 sec
37	19:30:01	DEALLOCATE PREPARE stmt	OK	0.000 sec
38	19:30:16	show tables	5 row(s) returned	0.000 sec / 0.000 sec
39	19:30:56	select * from customers	8 row(s) returned	0.000 sec / 0.000 sec
40	19:31:06	select * from customers	8 row(s) returned	0.000 sec / 0.000 sec
41	19:33:26	SELECT c.customer_id, c.name, COUNT(o.order_id) AS total_orders FROM customers c LEFT JOIN o...	8 row(s) returned	0.063 sec / 0.000 sec

32°C Mostly cloudy

Search

ENG IN

19:33 29-05-2025

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SQL File 3

Administration - Data Import/Res...

1 CREATE DATABASE ecommerce_db;

2 USE ecommerce_db;

3

4 show tables;

5

Result Grid

Filter Rows

Export: Wrap Cell Content

customer_id name total_orders

2 Bob B 3

4 Diana D 3

5 Edward E 3

7 George G 3

8 Hannah H 2

1 Alice A 1

3 Charlie C 1

6 Fiona F 1

Result 5

Read Only Context Help Snippets

Output

Action Output

Time Action Message Duration / Fetch

33 19:29:59 SHOW SESSION VARIABLES LIKE 'lower_case_table_names' OK 0.000 sec

34 19:29:59 SHOW TABLES FROM 'ecommerce_db' LIKE 'products' OK 0.000 sec

35 19:30:01 CREATE TABLE 'ecommerce_db'.products (product_id int, name text, category text, price int) OK 0.000 sec

36 19:30:01 PREPARE stmt FROM 'INSERT INTO 'ecommerce_db'.products (product_id, name, category, price) VAL...' OK 0.000 sec

37 19:30:01 DEALLOCATE PREPARE stmt OK 0.000 sec

38 19:30:16 show tables 5 row(s) returned 0.000 sec / 0.000 sec

39 19:30:56 select * from customers 8 row(s) returned 0.000 sec / 0.000 sec

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41 19:33:26 SELECT c.customer_id, c.name, COUNT(o.order_id) AS total_orders FROM customers c LEFT JOIN o... 8 row(s) returned 0.063 sec / 0.000 sec

42 19:34:01 SELECT c.customer_id, c.name, COUNT(o.order_id) AS total_orders FROM customers c LEFT JOIN o... 8 row(s) returned 0.016 sec / 0.000 sec

Object Info Session

Schema: ecommerce_db

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Administration - Data Import/Res...

Don't Limit

```
14
15
16
17
18 • SELECT
19     p.product_id,
20     p.name,
21     SUM(oi.quantity) AS total_quantity_sold
22 FROM order_items oi
23 JOIN products p ON oi.product_id = p.product_id
24 GROUP BY p.product_id, p.name
25 ORDER BY total_quantity_sold DESC
26 LIMIT 5;
27
28
```

SQLAdditions

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Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
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✓ 34	19:29:59	SHOW TABLES FROM 'ecommerce_db' like 'products'	OK	0.000 sec
✓ 35	19:30:01	CREATE TABLE 'ecommerce_db'.products (product_id int, name text, category text, price int)	OK	0.000 sec
✓ 36	19:30:01	PREPARE stmt FROM 'INSERT INTO 'ecommerce_db'.products (product_id, name, category, price) VAL...	OK	0.000 sec
✓ 37	19:30:01	DEALLOCATE PREPARE stmt	OK	0.000 sec
✓ 38	19:30:16	show tables	5 row(s) returned	0.000 sec / 0.000 sec
✓ 39	19:30:56	select * from customers	8 row(s) returned	0.000 sec / 0.000 sec
✓ 40	19:31:06	select * from customers	8 row(s) returned	0.000 sec / 0.000 sec
✓ 41	19:33:26	SELECT c.customer_id, c.name, COUNT(o.order_id) AS total_orders FROM customers c LEFT JOIN o...	8 row(s) returned	0.063 sec / 0.000 sec
✓ 42	19:34:01	SELECT c.customer_id, c.name, COUNT(o.order_id) AS total_orders FROM customers c LEFT JOIN o...	8 row(s) returned	0.016 sec / 0.000 sec

Object Info Session

Schema: ecommerce_db

32°C Mostly cloudy

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SQL File 3 Administration - Data Import/Res...

Don't Limit

14

15

16

17

18 • SELECT

Result Grid

product_id	name	total_quantity_sold
2	Phone	17
5	Desk Chair	15
4	Microwave	15
8	Jacket	14
6	Lamp	12

Result Grid

Form Editor

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Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
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35	19:30:01	CREATE TABLE 'ecommerce_db'.products (product_id int, 'name' text, 'category' text, 'price' int)	OK	0.000 sec
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42	19:34:01	SELECT c.customer_id, c.name, COUNT(o.order_id) AS total_orders FROM customers c LEFT JOIN o...	8 row(s) returned	0.016 sec / 0.000 sec
43	19:35:21	SELECT p.product_id, p.name, SUM(o.quantity) AS total_quantity_sold FROM order_items o JOIN pro...	5 row(s) returned	0.016 sec / 0.000 sec

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Don't Limit

```
26 LIMIT 5;
27
28
29
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31 • SELECT
32     p.product_id,
33     p.name,
34     SUM(oi.quantity * oi.price) AS revenue
35 FROM order_items oi
36 JOIN products p ON oi.product_id = p.product_id
37 GROUP BY p.product_id, p.name
38 ORDER BY revenue DESC;
39
40
41
42
43
44
45
46
47
48
```

SQLAdditions

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Administration Schemas

Information

Schema: ecommerce_db

Object Info Session

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28
29
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31 • SELECT
32     p.product_id,
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35 FROM order_items oi
36 JOIN products p ON oi.product_id = p.product_id
37 GROUP BY p.product_id, p.name
38 ORDER BY revenue DESC;
39
40
41
42
43
44
45
46
47
48
```

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Context Help Snippets

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SQL File 3 Administration - Data Import/Res...

Don't Limit

27

28

29

30

31 • SELECT

Result Grid

product_id	name	revenue
2	Phone	8500
1	Laptop	8000
4	Microwave	3000
5	Desk Chair	2250
8	Jacket	1680
3	Blender	960
6	Lamp	840
7	Shoes	720

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
35	19:30:01	CREATE TABLE 'ecommerce_db'.products (product_id int, name text, category text, price int)	OK	0.000 sec
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44	19:37:36	SELECT p.product_id, p.name, SUM(oi.quantity * oi.price) AS revenue FROM order_items oi JOIN pro...	8 row(s) returned	0.000 sec / 0.000 sec

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SQL File 3 Administration - Data Import/Res...

Don't Limit

```
40
41
42
43
44
45
46 • SELECT
47     o.order_id,
48     c.name,
49     c.address,
50     o.order_date
51 FROM orders o
52 JOIN customers c ON o.customer_id = c.customer_id
53 WHERE c.address LIKE '%Chennai%';
54
```

SQLAdditions

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Context Help Snippets

Administration Schemas

Information

Schema: ecommerce_db

Object Info Session

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SQL File 3 Administration - Data Import/Res...

Don't Limit

50 o.order_date

51 FROM orders o

52 JOIN customers c ON o.customer_id = c.customer_id

53 WHERE c.address LIKE '%lumbail%';

54

Result Grid

Filter Rows

Export

Wrap Cell Content

Result Grid

Form Editor

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Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
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44	19:37:36	SELECT p.product_id, p.name, SUM(o.quantity * oi.price) AS revenue FROM order_items oi JOIN pro...	8 row(s) returned	0.000 sec / 0.000 sec
45	19:38:50	SELECT o.order_id, c.name, c.address, o.order_date FROM orders o JOIN customers c ON o.custo...	0 row(s) returned	0.000 sec / 0.000 sec
46	19:39:17	SELECT o.order_id, c.name, c.address, o.order_date FROM orders o JOIN customers c ON o.custo...	0 row(s) returned	0.032 sec / 0.000 sec
47	19:39:34	SELECT o.order_id, c.name, c.address, o.order_date FROM orders o JOIN customers c ON o.custo...	0 row(s) returned	0.015 sec / 0.000 sec

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SQL File 3

Administration - Data Import/Res...

Don't Limit

```
55
56
57
58
59
60
61 * SELECT
62     payment_method,
63     COUNT(*) AS total_payments,
64     SUM(amount) AS total_amount
65 FROM payments
66 GROUP BY payment_method
67 ORDER BY total_amount DESC;
68
69
```

SQLAdditions

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#	Time	Action	Message	Duration / Fetch
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47	19:39:34	SELECT o.order_id, c.name, c.address, o.order_date FROM orders o JOIN customers c ON o.custo...	0 row(s) returned	0.015 sec / 0.000 sec
48	19:40:46	SELECT payment_method, COUNT(*) AS total_payments, SUM(amount) AS total_amount FROM pay...	3 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Schema: ecommerce_db

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SQL File 3 Administration - Data Import/Res...

Don't Limit

57

58

59

60

61 • SELECT

Result Grid

Filter Rows

Export

Wrap Cell Content

payment_method total_payments total_amount

Credit Card 5 7010

PayPal 4 5920

Bank Transfer 3 3970

SQLAdditions

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49	19:41:15	SELECT payment_method, COUNT(*) AS total_payments, SUM(amount) AS total_amount FROM pay...	3 row(s) returned	0.016 sec / 0.000 sec

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Don't Limit

```
68
69
70
71 * CREATE VIEW customer_order_summary AS
72 SELECT
73     c.customer_id,
74     c.name,
75     COUNT(o.order_id) AS total_orders,
76     SUM(p.amount) AS total_spent
77 FROM customers c
78 JOIN orders o ON c.customer_id = o.customer_id
79 JOIN payments p ON o.order_id = p.order_id
80 GROUP BY c.customer_id, c.name;
81
82
```

SQLAdditions

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

Context Help Snippets

Administration Schemas

Information

Schema: ecommerce_db

Object Info Session

Action Output

#	Time	Action	Message	Duration / Fetch
41	19:33:26	SELECT c.customer_id, c.name, COUNT(o.order_id) AS total_orders FROM customers c LEFT JOIN o...	8 row(s) returned	0.053 sec / 0.000 sec
42	19:34:01	SELECT c.customer_id, c.name, COUNT(o.order_id) AS total_orders FROM customers c LEFT JOIN o...	8 row(s) returned	0.016 sec / 0.000 sec
43	19:35:21	SELECT p.product_id, p.name, SUM(o.quantity) AS total_quantity_id FROM order_items oi JOIN pro...	5 row(s) returned	0.016 sec / 0.000 sec
44	19:37:36	SELECT p.product_id, p.name, SUM(o.quantity * oi.price) AS revenue FROM order_items oi JOIN pro...	8 row(s) returned	0.000 sec / 0.000 sec
45	19:38:50	SELECT o.order_id, c.name, c.address, o.order_date FROM orders o JOIN customers c ON o.custo...	0 row(s) returned	0.000 sec / 0.000 sec
46	19:39:17	SELECT o.order_id, c.name, c.address, o.order_date FROM orders o JOIN customers c ON o.custo...	0 row(s) returned	0.032 sec / 0.000 sec
47	19:39:34	SELECT o.order_id, c.name, c.address, o.order_date FROM orders o JOIN customers c ON o.custo...	0 row(s) returned	0.015 sec / 0.000 sec
48	19:40:46	SELECT payment_method, COUNT(*) AS total_payments, SUM(amount) AS total_amount FROM pay...	3 row(s) returned	0.000 sec / 0.000 sec
49	19:41:15	SELECT payment_method, COUNT(*) AS total_payments, SUM(amount) AS total_amount FROM pay...	3 row(s) returned	0.016 sec / 0.000 sec
50	19:41:45	CREATE VIEW customer_order_summary AS SELECT c.customer_id, c.name, COUNT(o.order_id) AS...	0 row(s) affected	0.031 sec

MySQL Workbench

Local instance MySQL80

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SQL File 3

Administration - Data Import/Res...

Don't Limit

```
78 JOIN orders o ON c.customer_id = o.customer_id
79 JOIN payments p ON o.order_id = p.order_id
80 GROUP BY c.customer_id, c.name;
```

Result Grid

	customer_id	name	total_orders	total_spent
1	Alice A	1	510	
2	Bob B	3	4140	
3	Charlie C	1	1440	
4	Diana D	2	3640	
5	Edward E	2	3660	
6	Fiona F	1	150	
8	Hannah H	2	3360	

Result 13

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
42	19:34:01	SELECT c.customer_id, c.name, COUNT(o.order_id) AS total_orders FROM customers c LEFT JOIN o...	8 row(s) returned	0.016 sec / 0.000 sec
43	19:35:21	SELECT o.product_id, o.name, SUM(o.quantity) AS total_quantity_sold FROM order_items oi JOIN pro...	5 row(s) returned	0.016 sec / 0.000 sec
44	19:37:36	SELECT o.product_id, o.name, SUM(o.quantity * oi.price) AS revenue FROM order_items oi JOIN pro...	8 row(s) returned	0.000 sec / 0.000 sec
45	19:38:50	SELECT o.order_id, c.name, c.address, o.order_date FROM orders o JOIN customers c ON o.custo...	0 row(s) returned	0.000 sec / 0.000 sec
46	19:39:17	SELECT o.order_id, c.name, c.address, o.order_date FROM orders o JOIN customers c ON o.custo...	0 row(s) returned	0.032 sec / 0.000 sec
47	19:39:34	SELECT o.order_id, c.name, c.address, o.order_date FROM orders o JOIN customers c ON o.custo...	0 row(s) returned	0.015 sec / 0.000 sec
48	19:40:46	SELECT payment_method, COUNT(*) AS total_payments, SUM(amount) AS total_amount FROM pay...	3 row(s) returned	0.000 sec / 0.000 sec
49	19:41:15	SELECT payment_method, COUNT(*) AS total_payments, SUM(amount) AS total_amount FROM pay...	3 row(s) returned	0.016 sec / 0.000 sec
50	19:41:45	CREATE VIEW customer_order_summary AS SELECT c.customer_id, c.name, COUNT(o.order_id) AS...	0 row(s) affected	0.031 sec
51	19:42:16	SELECT c.customer_id, c.name, COUNT(o.order_id) AS total_orders, SUM(p.amount) AS total_spe...	7 row(s) returned	0.016 sec / 0.000 sec

Object Info Session

Schema: ecommerce_db

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

MySQL Workbench

Local instance MySQL80

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store

sys

world

SQL File 3

Administration - Data Import/Res...

Don't Limit

```
81
82
83
84
85
86 • SELECT
87     name,
88     customer_id,
89     total_spent
90 FROM customer_order_summary
91 WHERE total_spent > (
92     SELECT AVG(total_spent) FROM customer_order_summary
93 );
94
95
```

SQLAdditions

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

Context Help Snippets

Administration Schemas

Information

Schema: ecommerce_db

Object Info Session

Action Output

#	Time	Action	Message	Duration / Fetch
43	19:35:21	SELECT	p.product_id, p.name, SUM(o.quantity) AS total_quantity_sold FROM order_items oi JOIN pro...	5 row(s) returned 0.016 sec / 0.000 sec
44	19:37:36	SELECT	p.product_id, p.name, SUM(o.quantity * oi.price) AS revenue FROM order_items oi JOIN pro...	8 row(s) returned 0.000 sec / 0.000 sec
45	19:38:50	SELECT	o.order_id, c.name, c.address, o.order_date FROM orders o JOIN customers c ON o.custo...	0 row(s) returned 0.000 sec / 0.000 sec
46	19:39:17	SELECT	o.order_id, c.name, c.address, o.order_date FROM orders o JOIN customers c ON o.custo...	0 row(s) returned 0.032 sec / 0.000 sec
47	19:39:34	SELECT	o.order_id, c.name, c.address, o.order_date FROM orders o JOIN customers c ON o.custo...	0 row(s) returned 0.015 sec / 0.000 sec
48	19:40:46	SELECT	payment_method, COUNT(*) AS total_payments, SUM(amount) AS total_amount FROM pay...	3 row(s) returned 0.000 sec / 0.000 sec
49	19:41:15	SELECT	payment_method, COUNT(*) AS total_payments, SUM(amount) AS total_amount FROM pay...	3 row(s) returned 0.016 sec / 0.000 sec
50	19:41:45	CREATE VIEW	customer_order_summary AS SELECT c.customer_id, c.name, COUNT(o.order_id) AS...	0 row(s) affected 0.031 sec
51	19:42:16	SELECT	c.customer_id, c.name, COUNT(o.order_id) AS total_orders, SUM(p.amount) AS total_spe...	7 row(s) returned 0.016 sec / 0.000 sec
52	19:43:04	SELECT	name, customer_id, total_spent FROM customer_order_summary WHERE total_spent > (4 row(s) returned 0.016 sec / 0.000 sec

MySQL Workbench

Local instance MySQL80

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sys

world

SQL File 37 Administration - Data Import/Res...

Don't Limit

82

83

84

85

86 • SELECT

Result Grid

Filter Rows

Export

Wrap Cell Content

Read Only 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.

customer_order_summary 15 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
44	19:37:36	SELECT	p.product_id, p.name, SUM(o.quantity * oi.price) AS revenue FROM order_items oi JOIN pro...	8 row(s) returned 0.000 sec / 0.000 sec
45	19:38:50	SELECT	o.order_id, c.name, c.address, o.order_date FROM orders o JOIN customers c ON o.custo...	0 row(s) returned 0.000 sec / 0.000 sec
46	19:39:17	SELECT	o.order_id, c.name, c.address, o.order_date FROM orders o JOIN customers c ON o.custo...	0 row(s) returned 0.032 sec / 0.000 sec
47	19:39:34	SELECT	o.order_id, c.name, c.address, o.order_date FROM orders o JOIN customers c ON o.custo...	0 row(s) returned 0.015 sec / 0.000 sec
48	19:40:46	SELECT	payment_method, COUNT(*) AS total_payments, SUM(amount) AS total_amount FROM pay...	3 row(s) returned 0.000 sec / 0.000 sec
49	19:41:15	SELECT	payment_method, COUNT(*) AS total_payments, SUM(amount) AS total_amount FROM pay...	3 row(s) returned 0.016 sec / 0.000 sec
50	19:41:45	CREATE VIEW	customer_order_summary AS SELECT c.customer_id, c.name, COUNT(o.order_id) AS...	0 row(s) affected 0.031 sec
51	19:42:16	SELECT	c.customer_id, c.name, COUNT(o.order_id) AS total_orders, SUM(p.amount) AS total_spe...	7 row(s) returned 0.016 sec / 0.000 sec
52	19:43:04	SELECT	name, customer_id, total_spent FROM customer_order_summary WHERE total_spent > (4 row(s) returned 0.016 sec / 0.000 sec
53	19:43:34	SELECT	name, customer_id, total_spent FROM customer_order_summary WHERE total_spent > (4 row(s) returned 0.015 sec / 0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL80

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SQL File 3 Administration - Data Import/Res...

Don't Limit

72

73

74

75

76

77

78 • CREATE INDEX idx_order_customer ON orders(customer_id);

79

80

81

82

83

84

85

86

SQLAdditions

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

Context Help Snippets

Administration Schemas

Information

Schema: ecommerce_db

Object Info Session

Output

Action Output

#	Time	Action	Message	Duration / Fetch
45	19:38:50	SELECT o.order_id, c.name, c.address, o.order_date FROM orders o JOIN customers c ON o.custo...	0 row(s) returned	0.000 sec / 0.000 sec
46	19:39:17	SELECT o.order_id, c.name, c.address, o.order_date FROM orders o JOIN customers c ON o.custo...	0 row(s) returned	0.032 sec / 0.000 sec
47	19:39:34	SELECT o.order_id, c.name, c.address, o.order_date FROM orders o JOIN customers c ON o.custo...	0 row(s) returned	0.015 sec / 0.000 sec
48	19:40:46	SELECT payment_method, COUNT(*) AS total_payments, SUM(amount) AS total_amount FROM pay...	3 row(s) returned	0.000 sec / 0.000 sec
49	19:41:15	SELECT payment_method, COUNT(*) AS total_payments, SUM(amount) AS total_amount FROM pay...	3 row(s) returned	0.016 sec / 0.000 sec
50	19:41:45	CREATE VIEW customer_order_summary AS SELECT c.customer_id, c.name, COUNT(o.order_id) AS...	0 row(s) affected	0.031 sec
51	19:42:16	SELECT c.customer_id, c.name, COUNT(o.order_id) AS total_orders, SUM(p.amount) AS total_spe...	7 row(s) returned	0.016 sec / 0.000 sec
52	19:43:04	SELECT name, customer_id, total_spent FROM customer_order_summary WHERE total_spent > (4 row(s) returned	0.016 sec / 0.000 sec
53	19:43:34	SELECT name, customer_id, total_spent FROM customer_order_summary WHERE total_spent > (4 row(s) returned	0.015 sec / 0.000 sec
54	19:45:07	CREATE INDEX idx_order_customer ON orders(customer_id)	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.093 sec