

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

Filter objects

SCHEMAS

- sakila
- superstore\_db**
  - Tables
    - orders**
  - Views
  - Stored Procedures
  - Functions
- sys
- world

Administration Schemas

Information

Table: **orders**

Columns:

- Row\_ID** int PK
- Order ID varchar(20)
- Order Date date
- Ship Date date
- Ship Mode varchar(50)
- Customer ID varchar(20)
- Customer Name varchar(100)
- Segment varchar(50)
- Country varchar(50)
- City varchar(100)
- State varchar(10)
- Postal Code varchar(10)
- Region varchar(20)
- Product ID varchar(20)
- Category varchar(50)
- Sub-Category varchar(50)
- Product Name varchar(255)
- Sales decimal(10,2)
- Quantity int
- Discount decimal(4,2)
- Profit decimal(10,4)

Result Grid

Limit to 1000 rows

Export

Wrap Cell Content

SQLAdditions

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

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
14	08:30:01	SELECT 'State', SUM(Profit) AS Total_Profit FROM orders GROUP BY 'State' ORDER BY ...	10 row(s) returned	0.015 sec / 0.000 sec
15	08:30:01	SELECT 'Category', AVG(Sales) AS Average_Sales, SUM(Profit) AS Total_Profit FROM orders ...	3 row(s) returned	0.031 sec / 0.000 sec
16	08:34:41	SELECT 'State', SUM(Profit) AS Total_Profit FROM orders GROUP BY 'State' ORDER BY ...	10 row(s) returned	0.032 sec / 0.000 sec
17	08:36:45	SELECT 'Category', AVG(Sales) AS Average_Sales, SUM(Profit) AS Total_Profit FROM orders ...	3 row(s) returned	0.031 sec / 0.000 sec

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- Order ID varchar(20)
- Order Date date
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- Sales decimal(10,2)
- Quantity int
- Discount decimal(4,2)
- Profit decimal(10,4)

SQLAdditions

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Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
19	08:46:01	SELECT 'Product Name', Sales, 'Order Date' FROM orders WHERE Sales > ( SELECT ...	10 row(s) returned	0.016 sec / 0.000 sec
20	08:48:13	SELECT 'Customer ID', 'Customer Name', SUM(Quantity) AS Total_Quantity_Purchased FROM ...	1 row(s) returned	0.047 sec / 0.000 sec
21	08:50:41	SELECT t1.'Order ID', t1.'Ship Mode', t1.Sales FROM orders t1 WHERE t1.Sales < ( ...	Error Code: 2013. Lost connection to MySQL server during query	30.000 sec
22	08:56:33	CREATE OR REPLACE VIEW High_Value_Orders AS SELECT 'Order ID', 'Order Date', 'Custo...	0 row(s) affected	0.016 sec
23	08:56:44	CREATE OR REPLACE VIEW High_Value_Orders AS SELECT 'Order ID', 'Order Date', 'Custo...	0 row(s) affected	0.016 sec
24	08:56:46	CREATE OR REPLACE VIEW High_Value_Orders AS SELECT 'Order ID', 'Order Date', 'Custo...	0 row(s) affected	0.016 sec
25	08:56:47	CREATE OR REPLACE VIEW High_Value_Orders AS SELECT 'Order ID', 'Order Date', 'Custo...	0 row(s) affected	0.016 sec
26	08:57:01	CREATE OR REPLACE VIEW High_Value_Orders AS SELECT 'Order ID', 'Order Date', 'Custo...	0 row(s) affected	0.016 sec

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Table: orders

Columns:

Row\_ID int PK

Order ID varchar(20)

Order Date date

Ship Date date

Ship Mode varchar(50)

Customer ID varchar(20)

Customer Name varchar(100)

Segment varchar(50)

Country varchar(50)

City varchar(100)

State varchar(10)

Postal Code varchar(10)

Region varchar(20)

Product ID varchar(20)

Sub-Category varchar(50)

Product Name varchar(255)

Sales decimal(10,2)

Quantity int

Discount decimal(4,2)

Profit decimal(10,4)

superstore\_schema superstore\_analysis

Limit to 1000 rows

SQLAdditions

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Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	08:20:22	CREATE DATABASE IF NOT EXISTS superstore_db	1 row(s) affected, 1 warning(s) 1007 Can't create database 'superstore_db'; database exists	0.000 sec
2	08:20:22	USE superstore_db	0 row(s) affected	0.000 sec
3	08:20:22	DROP TABLE IF EXISTS orders	0 row(s) affected	0.031 sec
4	08:20:22	CREATE TABLE orders ( 'Row ID' INT NOT NULL PRIMARY KEY, 'Order ID' VARCHAR(20) NO...	0 row(s) affected	0.031 sec
5	08:21:24	LOAD DATA LOCAL INFILE C:\Users\Nitin\OneDrive\Documents\BivateLabs\Data\Task3...	0.438 sec	
6	08:21:24	SELECT * FROM orders LIMIT 5	5 row(s) returned	0.000 sec / 0.000 sec
7	08:28:30	USE superstore_db	0 row(s) affected	0.000 sec
8	08:28:30	SELECT 'State', SUM(Profit) AS Total_Profit FROM orders GROUP BY 'State' ORDER BY ...	10 row(s) returned	0.016 sec / 0.000 sec
9	08:28:30	SELECT Category, AVG(Sales) AS Average_Sales, SUM(Profit) AS Total_Profit FROM orders ...	3 row(s) returned	0.032 sec / 0.000 sec
10	08:28:30	SELECT 'Order ID', 'Product Name', Sales, Discount, Profit FROM orders WHERE P...	15 row(s) returned	0.016 sec / 0.000 sec
11	08:28:30	SELECT 'Product Name', Sales, 'Order Date' FROM orders WHERE Sales > ( SELE...	10 row(s) returned	0.015 sec / 0.000 sec
12	08:28:30	SELECT 'Customer ID', 'Customer Name', SUM(Quantity) AS Total_Quantity_Purchased FROM...	1 row(s) returned	0.032 sec / 0.000 sec
13	08:28:30	SELECT t1.Order ID, t1.Ship Mode, t1.Sales FROM orders t1 WHERE t1.Sales < (...	Error Code: 2013. Lost connection to MySQL server during query	30.000 sec
14	08:30:01	SELECT 'State', SUM(Profit) AS Total_Profit FROM orders GROUP BY 'State' ORDER BY ...	10 row(s) returned	0.015 sec / 0.000 sec
15	08:30:01	SELECT Category, AVG(Sales) AS Average_Sales, SUM(Profit) AS Total_Profit FROM orders ...	3 row(s) returned	0.031 sec / 0.000 sec
16	08:34:41	SELECT 'State', SUM(Profit) AS Total_Profit FROM orders GROUP BY 'State' ORDER BY ...	10 row(s) returned	0.032 sec / 0.000 sec
17	08:34:45	SELECT Category, AVG(Sales) AS Average_Sales, SUM(Profit) AS Total_Profit FROM orders ...	3 row(s) returned	0.031 sec / 0.000 sec
18	08:34:45	SELECT 'Order ID', 'Product Name', Sales, Discount, Profit FROM orders WHERE P...	15 row(s) returned	0.015 sec / 0.000 sec
19	08:46:01	SELECT 'Product Name', Sales, 'Order Date' FROM orders WHERE Sales > ( SELE...	10 row(s) returned	0.016 sec / 0.000 sec
20	08:48:13	SELECT 'Customer ID', 'Customer Name', SUM(Quantity) AS Total_Quantity_Purchased FROM...	1 row(s) returned	0.047 sec / 0.000 sec
21	08:50:41	SELECT t1.Order ID, t1.Ship Mode, t1.Sales FROM orders t1 WHERE t1.Sales < (...	Error Code: 2013. Lost connection to MySQL server during query	30.000 sec

Object Info Session

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Navigator

Filter objects

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skila

superstore\_db

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world

Administration Schemas

Information

Table: orders

Columns:

Row\_ID int PK

Order ID varchar(20)

Order Date date

Ship Date date

Ship Mode varchar(50)

Customer ID varchar(20)

Customer Name varchar(100)

Segment varchar(50)

Country varchar(50)

City varchar(100)

State varchar(10)

Postal Code varchar(10)

Region varchar(20)

Product ID varchar(20)

Sub-Category varchar(50)

Product Name varchar(255)

Sales decimal(10,2)

Quantity int

Discount decimal(4,2)

Profit decimal(10,4)

superstore\_schema superstore\_analysis

Limit to 1000 rows

SQLAdditions

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Context Help Snippets

Result Grid

Customer ID	Customer Name	Total_Quantity_Purchased
ID-15895	Jonathan Doherty	150

Result 12 x

Output

MySQL Workbench

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Administration Schemas

Information

No object selected

Query 1 superstore\_analysis SQL File 4\* SQL File 5\* SQL File 6\* x

1 CREATE INDEX idx\_product\_name ON orders ('Product Name');

SQLAdditions

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Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
8	09:19:33	SELECT * FROM High_Value_Orders LIMIT 5	5 row(s) returned	0.016 sec / 0.000 sec
9	09:20:09	USE superstore_db	0 row(s) affected	0.000 sec
10	09:20:09	SELECT 'State', SUM(Profit) AS Total_Profit FROM orders GROUP BY 'State' ORDER BY ...	10 row(s) returned	0.016 sec / 0.000 sec
11	09:20:09	SELECT Category, AVG(Sales) AS Average_Sales, SUM(Profit) AS Total_Profit FROM orders...	3 row(s) returned	0.031 sec / 0.000 sec
12	09:20:09	SELECT 'Order ID', 'Product Name', Sales, Discount, Profit FROM orders WHERE P...	15 row(s) returned	0.016 sec / 0.000 sec
13	09:20:09	SELECT 'Product Name', Sales, 'Order Date' FROM orders WHERE Sales > (SELE...	10 row(s) returned	0.032 sec / 0.000 sec
14	09:20:09	SELECT 'Customer ID', 'Customer Name', SUM(Quantity) AS Total_Quantity_Purchased FROM...	1 row(s) returned	0.047 sec / 0.000 sec
15	09:20:09	SELECT t1.Order ID, t1.Ship Mode, t1.Sales FROM orders t1 WHERE t1.Sales < (...)	Error Code: 2013. Lost connection to MySQL server during query	30.000 sec
16	09:21:17	CREATE INDEX idx_order_date ON orders ('Order Date')	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	13.406 sec
17	09:22:05	CREATE INDEX idx_product_name ON orders ('Product Name')	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.156 sec

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Administration Schemas

Information

Table: orders

Columns:

Column	Type	PK
Row_ID	int	PK
Order ID	varchar(20)	
Order Date	date	
Ship Date	varchar(20)	
Ship Mode	varchar(50)	
Customer ID	varchar(20)	
Customer Name	varchar(100)	
Segment	varchar(50)	
Country	varchar(50)	
City	varchar(100)	
State	varchar(50)	
Postal Code	varchar(10)	
Region	varchar(20)	
Product ID	varchar(20)	
Category	varchar(50)	
Sub-Category	varchar(50)	
Product Name	varchar(255)	
Sales	decimal(10,2)	
Quantity	int	
Discount	decimal(4,2)	
Profit	decimal(10,4)	

superstore\_schema superstore\_analysis x

40 orders

41 WHERE

42 Sales > (

43 SELECT AVG(Sales) FROM orders

44 )

45 ORDER BY

46 Sales DESC

47 LIMIT 10

48 SELECT

Result Grid

Product Name	Sales	Order Date
Cisco TelePresence System EX90 Videoconferen...	22638.48	2014-03-18
Canon imageCLASS 2200 Advanced Copier	17499.95	2016-10-02
Canon imageCLASS 2200 Advanced Copier	13999.96	2017-03-23
Canon imageCLASS 2200 Advanced Copier	11199.97	2017-10-22
Canon imageCLASS 2200 Advanced Copier	10499.97	2017-11-17
GBIC Semester 300 Manual ProClick Binding System	9892.74	2016-12-17
Ibico EPK-21 Electric Binding System	9446.95	2014-09-23
3D Systems Cube Printer, 2nd Generation, Mag...	9099.93	2016-04-16
HP DesignJet T520 Inkjet Large Format Printer ...	8749.95	2016-02-02
Canon imageCLASS 2200 Advanced Copier	8399.98	2016-05-23

orders 11 x

Output

Read Only Context Help Snippets

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Administration Schemas

Information

No object selected

Query 1 superstore\_analysis SQL File 4

Limit to 10000 rows

1 \* SELECT \* FROM High\_Value\_Orders LIMIT 5;

Result Grid

Order ID	Order Date	Customer Name	Region	Category	Sales	Profit
CA-2014-145317	2014-03-18	Sean Miller	South	Technology	22638.48	-1811.0784
CA-2016-118689	2016-10-02	Tamara Chand	Central	Technology	17499.95	8399.9760
CA-2017-140151	2017-03-23	Raymond Buch	West	Technology	13999.96	6719.9808
CA-2017-127180	2017-10-22	Tom Ashbrook	East	Technology	11199.97	3919.9888
CA-2017-166709	2017-11-17	Hunter Lopez	East	Technology	10499.97	5039.9856

value\_Orders 1 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	09:17:20	USE superstore_db	0 row(s) affected	0.000 sec
2	09:17:20	SELECT 'State', SUM(Profit) AS Total_Profit FROM orders GROUP BY 'State' ORDER BY	10 row(s) returned	0.016 sec / 0.000 sec
3	09:17:20	SELECT Category, AVG(Sales) AS Average_Sales, SUM(Profit) AS Total_Profit FROM orders	3 row(s) returned	0.016 sec / 0.000 sec
4	09:17:20	SELECT 'Order ID', 'Product Name', Sales, Discount, Profit FROM orders WHERE Pro	15 row(s) returned	0.016 sec / 0.000 sec
5	09:17:20	SELECT 'Product Name', Sales, 'Order Date' FROM orders WHERE Sales > ( SELEC	10 row(s) returned	0.016 sec / 0.000 sec
6	09:17:20	SELECT 'Customer ID', 'Customer Name', SUM(Quantity) AS Total_Quantity_Purchased FROM	1 row(s) returned	0.062 sec / 0.000 sec
7	09:17:20	SELECT '1. Order ID', '1. Ship Mode', '1. Sales' FROM orders WHERE '1. Sales' < ( S	Error Code: 2013. Lost connection to MySQL server during query	30.016 sec
8	09:19:33	SELECT * FROM High_Value_Orders LIMIT 5	5 row(s) returned	0.016 sec / 0.000 sec

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Table: orders

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- Order Date date
- Ship Date date
- Ship Mode varchar(50)
- Customer ID varchar(20)
- Customer Name varchar(100)
- Segment varchar(50)
- Country varchar(50)
- City varchar(100)
- State varchar(50)
- Postal Code varchar(10)
- Region varchar(20)
- Product ID varchar(20)
- Category varchar(50)
- Sub-Category varchar(50)
- Product Name varchar(255)
- Sales decimal(10,2)
- Quantity int
- Discount decimal(4,2)
- Profit decimal(10,4)

superstore\_schema superstore\_analysis

Limit to 10000 rows

6 orders

7 GROUP BY

8 "State"

9 ORDER BY

10 Total\_Profit DESC

11 LIMIT 10;

12 \* SELECT

13 Category,

14 AVG(Sales) AS Average\_Sales,

15 SUM(Profit) AS Total\_Profit

Result Grid

State	Total_Profit
California	76381.3871
New York	74038.5486
Washington	33402.6517
Michigan	24463.1876
Virginia	18597.9504
Indiana	18382.9363
Georgia	16250.0433
Kentucky	11199.6966
Minnesota	10823.1874
Delaware	9977.3748

Result 8 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
13	08:28:30	SELECT '1. Order ID', '1. Ship Mode', '1. Sales' FROM orders WHERE '1. Sales' < (	Error Code: 2013. Lost connection to MySQL server during query	30.000 sec
14	08:30:01	SELECT 'State', SUM(Profit) AS Total_Profit FROM orders GROUP BY 'State' ORDER BY	10 row(s) returned	0.015 sec / 0.000 sec
15	08:30:01	SELECT Category, AVG(Sales) AS Average_Sales, SUM(Profit) AS Total_Profit FROM orders	3 row(s) returned	0.031 sec / 0.000 sec
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Administration Schemas

Information

Table: orders

Columns:

Column Name	Data Type
Row ID	int PK
Order ID	varchar(20)
Order Date	date
Ship Date	date
Ship Mode	varchar(50)
Customer ID	varchar(20)
Customer Name	varchar(100)
Segment	varchar(50)
Country	varchar(50)
City	varchar(100)
State	varchar(50)
Postal Code	varchar(10)
Region	varchar(20)
Product ID	varchar(20)
Category	varchar(50)
Sub-Category	varchar(50)
Product Name	varchar(255)
Sales	decimal(10,2)
Quantity	int
Discount	decimal(4,2)
Profit	decimal(10,4)

SQL Editor

```
WHERE
  Profit < 0
ORDER BY
  Profit ASC
LIMIT 15;
SELECT
  "Product Name",
  Sales,
  "Order Date"
```

Result Grid

Order ID	Product Name	Sales	Discount	Profit
CA-2016-108196	Cubify CubeX 3D Printer Double Head Print	4499.99	0.70	-6599.9780
US-2017-168116	Cubify CubeX 3D Printer Triple Head Print	7999.98	0.50	-3839.9904
CA-2014-169019	GBC DocuBind P400 Electric Binding System	2177.58	0.80	-3701.8928
CA-2017-134845	Lexmark MX611dhe Monochrome Laser Printer	2549.99	0.70	-3399.9800
US-2017-122714	Ibco EPK-21 Electric Binding System	1889.99	0.80	-2929.4845
CA-2015-147830	Cubify CubeX 3D Printer Double Head Print	1799.99	0.70	-2639.9912
CA-2017-131254	Fellowes P8500 Electric Punch Plastic Comb Bind...	1525.19	0.80	-2387.7820
CA-2015-116638	Chromcraft Bull-Hose Wood Oval Conference T...	4297.64	0.40	-1862.3124
CA-2016-130946	GBC DocuBind P400 Electric Binding System	1088.79	0.80	-1850.9464
CA-2014-145317	Cisco TelePresence System EX90 Videoconferen...	22638.48	0.50	-1811.0784
US-2015-150630	Riverside Palms Royal Lawyers Bookcase, Royal...	3083.43	0.50	-1665.0522
CA-2014-165389	GBC DocuBind TL300 Electric Binding System	896.99	0.80	-1480.0335
CA-2014-139892	Lexmark MX611dhe Monochrome Laser Printer	8159.95	0.40	-1359.9920
US-2017-120390	GBC DocuBind P400 Electric Binding System	1633.19	0.70	-1306.5504
CA-2017-128363	GBC DocuBind TL300 Electric Binding System	1614.58	0.70	-1237.8462

orders 10 x

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