

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

MANAGEMENT

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PERFORMANCE

Administration Schemas

Information

No object selected

SQL File 10" x

```
37 };
```

```
38
```

```
39 • INSERT INTO Employees (EmployeeID, FirstName, LastName, Department, HireDate, Salary) VALUES
```

```
40 (1, 'Mark', 'Johnson', 'Sales', '2020-01-15', 50000.00),
```

```
41 (2, 'Susan', 'Lee', 'HR', '2021-03-20', 55000.00),
```

```
42 (3, 'Ravi', 'Kumar', 'IT', '2019-11-05', 65000.00);
```

```
43
```

```
44 • SELECT o.OrderID, o.OrderDate, o.TotalAmount,
```

```
45 c.FirstName, c.LastName
```

```
46 FROM Orders o
```

Result Grid

OrderID	OrderDate	TotalAmount	FirstName	LastName
101	2023-07-01	150.50	John	Doe
102	2023-07-03	200.75	Emma	Stone

Result 1 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
39	17:29:25	CREATE TABLE Employees (EmployeeID INT PRIMARY KEY, FirstName VA...	0 row(s) affected	0.031 sec
40	17:29:39	INSERT INTO Employees (EmployeeID, FirstName, LastName, Department, HireDa...	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.015 sec
41	17:29:51	SELECT o.OrderID, o.OrderDate, o.TotalAmount, c.FirstName, c.LastName F...	2 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Windows

Type here to search

Suns...

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No object selected

SQL File 10" x

```
46
```

```
47 Execute the selected portion of the script or everything, if there is no selection
```

```
48
```

```
49
```

```
50 • SELECT c.CustomerID, c.FirstName, c.LastName,
```

```
51 o.OrderID, o.TotalAmount
```

```
52 FROM Customers c
```

```
53 LEFT JOIN Orders o ON c.CustomerID = o.CustomerID;
```

```
54
```

```
55
```

Result Grid

CustomerID	FirstName	LastName	OrderID	TotalAmount
1	John	Doe	101	150.50
2	Emma	Stone	102	200.75
3	Amit	Shah	103	100.00

Result 2 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
40	17:29:39	INSERT INTO Employees (EmployeeID, FirstName, LastName, Department, HireDa...	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.015 sec
41	17:29:51	SELECT o.OrderID, o.OrderDate, o.TotalAmount, c.FirstName, c.LastName F...	2 row(s) returned	0.000 sec / 0.000 sec
42	17:30:27	SELECT c.CustomerID, c.FirstName, c.LastName, o.OrderID, o.TotalAmount F...	3 row(s) returned	0.016 sec / 0.000 sec

Object Info Session

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Type here to search

Suns...

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Administration Schemas

Information

No object selected

SQL File 10" x

```
52 FROM Customers c
53 LEFT JOIN Orders o ON c.CustomerID = o.CustomerID;
54
55
56
57 • SELECT c.CustomerID, c.FirstName, c.LastName,
58       o.OrderID, o.TotalAmount
59 FROM Customers c
60 RIGHT JOIN Orders o ON c.CustomerID = o.CustomerID;
61
```

Result Grid

CustomerID	FirstName	LastName	OrderID	TotalAmount
1	John	Doe	101	150.50
2	Emma	Stone	102	200.75

Output

Action Output

#	Time	Action	Message	Duration / Fetch
41	17:29:51	SELECT o.OrderID, o.OrderDate, o.TotalAmount, c.FirstName, c.LastName F...	2 row(s) returned	0.000 sec / 0.000 sec
42	17:30:27	SELECT c.CustomerID, c.FirstName, c.LastName, o.OrderID, o.TotalAmount F...	3 row(s) returned	0.016 sec / 0.000 sec
43	17:30:52	SELECT c.CustomerID, c.FirstName, c.LastName, o.OrderID, o.TotalAmount F...	2 row(s) returned	0.000 sec / 0.000 sec

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Administration Schemas

Information

No object selected

SQL File 10" x

```
60 RIGHT JOIN Orders o ON c.CustomerID = o.CustomerID;
61
62
63 • SELECT c.CustomerID, c.FirstName, c.LastName,
64       o.OrderID, o.TotalAmount
65 FROM Customers c
66 LEFT JOIN Orders o ON c.CustomerID = o.CustomerID
67 UNION
68
69
```

Result Grid

CustomerID	FirstName	LastName	OrderID	TotalAmount
1	John	Doe	101	150.50
2	Emma	Stone	102	200.75
3	Amit	Shah	103	100.00

Output

Action Output

#	Time	Action	Message	Duration / Fetch
44	17:31:24	SELECT c.CustomerID, c.FirstName, c.LastName, o.OrderID, o.TotalAmount F...	3 row(s) returned	0.000 sec / 0.000 sec
45	17:31:36	SELECT c.CustomerID, c.FirstName, c.LastName, o.OrderID, o.TotalAmount F...	2 row(s) returned	0.000 sec / 0.000 sec
46	17:31:48	SELECT c.CustomerID, c.FirstName, c.LastName, o.OrderID, o.TotalAmount F...	3 row(s) returned	0.031 sec / 0.000 sec

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Information

No object selected

SQL File 6" SQL File 8" DataDigger DATADigger SQL File 10" x

Limit to 1000 rows

```
72 FROM Customers c
73
74
75
76 SELECT CustomerID, FirstName, LastName
77 FROM Customers
78 WHERE CustomerID IN (
79     SELECT CustomerID FROM Orders
80     WHERE TotalAmount > (SELECT AVG(TotalAmount) FROM Orders)
81 );
```

Result Grid

CustomerID	FirstName	LastName
2	Emma	Stone

Customers 7 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
45	17:31:36	SELECT c.CustomerID, c.FirstName, c.LastName, o.OrderID, o.TotalAmount F...	2 row(s) returned	0.000 sec / 0.000 sec
46	17:31:48	SELECT c.CustomerID, c.FirstName, c.LastName, o.OrderID, o.TotalAmount F...	3 row(s) returned	0.031 sec / 0.000 sec
47	17:32:16	SELECT CustomerID, FirstName, LastName FROM Customers WHERE CustomerID...	1 row(s) returned	0.016 sec / 0.000 sec

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Information

No object selected

SQL File 6" SQL File 8" DataDigger DATADigger SQL File 10" x

Limit to 1000 rows

```
78 WHERE CustomerID IN (
79     SELECT CustomerID FROM Orders
80     WHERE TotalAmount > (SELECT AVG(TotalAmount) FROM Orders)
81 );
82
83
84 SELECT * FROM Employees
85 WHERE Salary > (SELECT AVG(Salary) FROM Employees);
86
87
```

Result Grid

EmployeeID	FirstName	LastName	Department	HireDate	Salary
3	Ravi	Kumar	IT	2019-11-05	65000.00

Employees 8 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
46	17:31:48	SELECT c.CustomerID, c.FirstName, c.LastName, o.OrderID, o.TotalAmount F...	3 row(s) returned	0.031 sec / 0.000 sec
47	17:32:16	SELECT CustomerID, FirstName, LastName FROM Customers WHERE CustomerID...	1 row(s) returned	0.016 sec / 0.000 sec
48	17:32:51	SELECT * FROM Employees WHERE Salary > (SELECT AVG(Salary) FROM Emplo...	1 row(s) returned	0.000 sec / 0.000 sec

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Information

No object selected

SQL File 6" SQL File 8" DataDigger DATADigger SQL File 10" x

Limit to 1000 rows

```
87
88 • SELECT OrderID, OrderDate,
89     YEAR(OrderDate) AS OrderYear,
90     MONTH(OrderDate) AS OrderMonth
91 FROM Orders;
92
93
94
95 • SELECT OrderID, OrderDate,
96     DATEDIFF(CURDATE(), OrderDate) AS DaysDifference
```

Result Grid

OrderID	OrderDate	OrderYear	OrderMonth
101	2023-07-01	2023	7
102	2023-07-03	2023	7

Result 9 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
47	17:32:16	SELECT CustomerID, FirstName, LastName FROM Customers WHERE CustomerID...	1 row(s) returned	0.016 sec / 0.000 sec
48	17:32:51	SELECT * FROM Employees WHERE Salary > (SELECT AVG(Salary) FROM Emplo...	1 row(s) returned	0.000 sec / 0.000 sec
49	17:33:28	SELECT OrderID, OrderDate, YEAR(OrderDate) AS OrderYear, MONTHID...	2 row(s) returned	0.031 sec / 0.000 sec

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Information

No object selected

SQL File 6" SQL File 8" DataDigger DATADigger SQL File 10" x

Limit to 1000 rows

```
98     MONTH(OrderDate) AS OrderMonth
99
100 Execute the selected portion of the script or everything, if there is no selection
101
102 • SELECT OrderID, OrderDate,
103     DATEDIFF(CURDATE(), OrderDate) AS DaysDifference
104 FROM Orders;
105
106
107
```

Result Grid

OrderID	OrderDate	DaysDifference
101	2023-07-01	875
102	2023-07-03	873

Result 10 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
48	17:32:51	SELECT * FROM Employees WHERE Salary > (SELECT AVG(Salary) FROM Emplo...	1 row(s) returned	0.000 sec / 0.000 sec
49	17:33:28	SELECT OrderID, OrderDate, YEAR(OrderDate) AS OrderYear, MONTHID...	2 row(s) returned	0.031 sec / 0.000 sec
50	17:33:52	SELECT OrderID, OrderDate, DATEDIFF(CURDATE(), OrderDate) AS DaysDiff...	2 row(s) returned	0.015 sec / 0.000 sec

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Information

No object selected

SQL File 6" SQL File 8" DataDigger DATADigger SQL File 10" x

Limit to 1000 rows

```
99 • SELECT OrderID, TotalAmount,
100     Execute the selected portion of the script or everything, if there is no selection
101     WHEN TotalAmount > 1000 THEN '10% Discount'
102     WHEN TotalAmount > 500 THEN '5% Discount'
103     ELSE 'No Discount'
104     END AS DiscountCategory
105 FROM Orders;
106
107
108 • SELECT EmployeeID, FirstName, Salary,
```

Result Grid

OrderID	TotalAmount	DiscountCategory
101	150.50	No Discount
102	200.75	No Discount

Result 11 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
49	17:33:28	SELECT OrderID, OrderDate, YEAR(OrderDate) AS OrderYear, MONTH(O...	2 row(s) returned	0.031 sec / 0.000 sec
50	17:33:52	SELECT OrderID, OrderDate, DATEDIFF(CURDATE(), OrderDate) AS DaysDiff...	2 row(s) returned	0.015 sec / 0.000 sec
51	17:34:18	SELECT OrderID, TotalAmount, CASE WHEN TotalAmount > 1000 THEN ...	2 row(s) returned	0.000 sec / 0.000 sec

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Information

No object selected

SQL File 6" SQL File 8" DataDigger DATADigger SQL File 10" x

Limit to 1000 rows

```
99 • SELECT OrderID, TotalAmount,
100     Execute the selected portion of the script or everything, if there is no selection
101     WHEN TotalAmount > 1000 THEN '10% Discount'
102     WHEN TotalAmount > 500 THEN '5% Discount'
103     ELSE 'No Discount'
104     END AS DiscountCategory
105 FROM Orders;
106
107
108 • SELECT EmployeeID, FirstName, Salary,
```

Result Grid

OrderID	TotalAmount	DiscountCategory
101	150.50	No Discount
102	200.75	No Discount

Result 11 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
49	17:33:28	SELECT OrderID, OrderDate, YEAR(OrderDate) AS OrderYear, MONTH(O...	2 row(s) returned	0.031 sec / 0.000 sec
50	17:33:52	SELECT OrderID, OrderDate, DATEDIFF(CURDATE(), OrderDate) AS DaysDiff...	2 row(s) returned	0.015 sec / 0.000 sec
51	17:34:18	SELECT OrderID, TotalAmount, CASE WHEN TotalAmount > 1000 THEN ...	2 row(s) returned	0.000 sec / 0.000 sec

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Information

No object selected

SQL File 6* SQL File 8* DataDigger DATADigger SQL File 10* x

Limit to 1000 rows

Execute the selected portion of the script or everything, if there is no selection

```
110 WHEN Salary > 60000 THEN 'High'
111 WHEN Salary BETWEEN 40000 AND 60000 THEN 'Medium'
112 ELSE 'Low'
113 END AS SalaryLevel
114 FROM Employees;
115
116
117
118 • SELECT EmployeeID, FirstName, Salary,
119        RANK() OVER (ORDER BY Salary DESC) AS SalaryRank
```

Result Grid

EmployeeID	FirstName	Salary	SalaryRank
3	Ravi	65000.00	1
2	Susan	55000.00	2
1	Mark	50000.00	3

Result 13 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
51	17:34:18	SELECT OrderID, TotalAmount, CASE WHEN TotalAmount > 1000 THEN ...	2 row(s) returned	0.000 sec / 0.000 sec
52	17:34:44	SELECT EmployeeID, FirstName, Salary, CASE WHEN Salary > 60000 TH...	3 row(s) returned	0.000 sec / 0.000 sec
53	17:35:08	SELECT EmployeeID, FirstName, Salary, RANK() OVER (ORDER BY Salary D...	3 row(s) returned	0.015 sec / 0.000 sec

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Object Info Session

Type here to search

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ENG 5:35 PM IN 11/22/2025