

MySQL Workbench

Local instance MySQL80 x

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Administration Schemas

Information

No object selected

employee 11 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
43	14:07:21	insert into employee values(14,'nina','martin','hr',55000,'2022-07-06')	1 row(s) affected	0.015 sec
44	14:07:21	insert into employee values(15,'oscar','robinson','marketing',66000,'2019-02-28')	1 row(s) affected	0.000 sec
45	14:07:38	select from employee LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
46	14:07:47	select department from employee group by department having avg(salary)>60000 LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

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Search

ENG IN

14:08 08-05-2025

MySQL Workbench

Local instance MySQL80 x

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Administration Schemas

Information

No object selected

employee 12 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
44	14:07:21	insert into employee values(15,'oscar','robinson','marketing',66000,'2019-02-28')	1 row(s) affected	0.000 sec
45	14:07:38	select from employee LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
46	14:07:47	select department from employee group by department having avg(salary)>60000 LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
47	14:08:45	select department from employee group by department having avg(salary)>55000 LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

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Search

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14:08 08-05-2025

MySQL Workbench

Local instance MySQL80 x

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Administration Schemas

Information

No object selected

employee 13 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
45	14:07:38	select from employee LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
46	14:07:47	select department from employee group by department having avg(salary)>60000 LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
47	14:08:45	select department from employee group by department having avg(salary)>55000 LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
48	14:15:31	select department from employee group by department having sum(salary)>50000 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

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14:15 08-05-2025

MySQL Workbench

Local instance MySQL80 x

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Administration Schemas

Information

No object selected

employee 14 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
46	14:07:47	select department from employee group by department having avg(salary)>60000 LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
47	14:08:45	select department from employee group by department having avg(salary)>55000 LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
48	14:15:31	select department from employee group by department having sum(salary)>50000 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
49	14:20:21	select department from employee group by department having min(salary)>45000 LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec

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14:20 08-05-2025

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Administration Schemas

Information

No object selected

employee 15 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
48	14:15:31	select department from employee group by department having sum(salary)>50000 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
49	14:20:21	select department from employee group by department having min(salary)>45000 LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
50	14:25:11	select department from employee group by department having avg(salary)<55000 LIMIT 0, 1000	Error Code: 1054. Unknown column 'department' in 'group statement'	0.000 sec
51	14:25:37	select department from employee group by department having avg(salary)<55000 LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec

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Information

No object selected

employee 17 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
50	14:25:11	select department from employee group by department having avg(salary)<55000 LIMIT 0, 1000	Error Code: 1054. Unknown column 'department' in 'group statement'	0.000 sec
51	14:25:37	select department from employee group by department having avg(salary)<55000 LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
52	14:28:01	select from employee LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
53	14:28:37	select from employee order by first_name asc LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec

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MySQL Workbench

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Administration Schemas

Information

No object selected

Object Info Session

Query1\* task1\* SQL task 2\* SQL task 3\*

Limit to 1000 rows

SQL task 3\*

```
40
41 -- 6
42 * select*from employee order by first_name asc;
43
44 -- 7
45 * select*from employee order by hire_date desc;
46
47
48
```

Result Grid

Empid	First_name	Last_name	Department	Salary	Hire_date
14	rina	martinez	hr	55000	2022-07-06
7	grace	thomes	marketing	45000	2022-02-14
5	eva	taylor	hr	54000	2021-11-30
13	mike	garcia	sales	48000	2021-04-11
10	jane	harris	hr	61000	2020-06-18
3	charlie	brown	engineering	62000	2020-01-10
9	ian	white	engineering	59000	2019-12-23
2	bob	jones	hr	58000	2019-07-15
15	oscar	robinson	marketing	66000	2019-02-28
11	kyle	martin	marketing	53000	2018-10-09

employee 18 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
51	14:25:37	select department from employee group by department having avg(salary)>55000 LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
52	14:28:01	select from employee LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
53	14:28:37	select from employee order by first_name asc LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
54	14:31:04	select from employee order by hire_date desc LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec

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Administration Schemas

Information

No object selected

Object Info Session

Query1\* task1\* SQL task 2\* SQL task 3\*

Limit to 1000 rows

SQL task 3\*

```
43
44 -- 7
45 * select*from employee order by hire_date desc;
46
47 -- 8
48 * select*from employee order by salary asc;
49
50
51
```

Result Grid

Empid	First_name	Last_name	Department	Salary	Hire_date
7	grace	thomes	marketing	45000	2022-02-14
13	mike	garcia	sales	48000	2021-04-11
4	david	wilson	sales	49000	2017-05-21
11	kyle	martin	marketing	53000	2018-10-09
5	eva	taylor	hr	54000	2021-11-30
14	rina	martinez	hr	55000	2022-07-06
2	bob	jones	hr	58000	2019-07-15
9	ian	white	engineering	59000	2019-12-23
10	jane	harris	hr	61000	2020-06-18
3	charlie	brown	engineering	62000	2020-01-10

employee 19 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
52	14:28:01	select from employee LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
53	14:28:37	select from employee order by first_name asc LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
54	14:31:04	select from employee order by hire_date desc LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
55	14:33:26	select from employee order by salary asc LIMIT 0, 1000	15 row(s) returned	0.016 sec / 0.000 sec

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Administration Schemas

Information

No object selected

Object Info Session

Query1\* task1\* SQL task 2\* SQL task 3\*

Limit to 1000 rows

47 -- 8

48 • select\*from employee order by salary asc;

49

50 -- 9

51 • select department,sum(salary)from employee group by department having sum(salary);

52

53

54

55

Result Grid

department	sum(salary)
Engineering	356000
hr	228000
sales	164000
marketing	164000

Result 20 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
53	14.28.37	select from employee order by first_name asc LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
54	14.31.04	select from employee order by hire_date desc LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
55	14.33.26	select from employee order by salary asc LIMIT 0, 1000	15 row(s) returned	0.016 sec / 0.000 sec
56	14.40.05	select department,sum(salary)from employee group by department having sum(salary) LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

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Search

ENG IN

14:40 08-05-2025

MySQL Workbench

Local instance MySQL80 x

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Information

No object selected

Object Info Session

Query1\* task1\* SQL task 2\* SQL task 3\*

Limit to 1000 rows

49

50 -- 9

51 • select department,sum(salary)from employee group by department having sum(salary);

52

53 -- 10

54 • select department,avg(salary)from employee group by department having avg(salary);

55

56

57

Result Grid

department	avg(salary)
Engineering	71200.0000
hr	57000.0000
sales	54666.6667
marketing	54666.6667

Result 21 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
54	14.31.04	select from employee order by hire_date desc LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
55	14.33.26	select from employee order by salary asc LIMIT 0, 1000	15 row(s) returned	0.016 sec / 0.000 sec
56	14.40.05	select department,sum(salary)from employee group by department having sum(salary) LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
57	14.42.15	select department,avg(salary)from employee group by department having avg(salary) LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

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Search

ENG IN

14:42 08-05-2025

MySQL Workbench

Local instance MySQL80 x

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PERFORMANCE

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Administration Schemas

Information

No object selected

Query1\* task1\* SQL task 2\* SQL task 3\*

Limit to 1000 rows

SQL task 3\*

```
52
53 -- 10
54 • select department,avg(salary)from employee group by department having avg(salary);
55
56 -- 11
57 • select department, count(department) from employee group by department;
58
59
60
```

Result Grid

department	count(department)
Engineering	5
hr	4
sales	3
marketing	3

Result 22 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
55	14.33.26	select from employee order by salary asc LIMIT 0, 1000	15 row(s) returned	0.016 sec / 0.000 sec
56	14.40.05	select department,sum(salary)from employee group by department having sum(salary) LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
57	14.42.15	select department,avg(salary)from employee group by department having avg(salary) LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
58	14.52.58	select department, count(department)from employee group by department LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

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Search

ENG IN

14:53 08-05-2025

MySQL Workbench

Local instance MySQL80 x

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Information

No object selected

Query1\* task1\* SQL task 2\* SQL task 3\*

Limit to 1000 rows

SQL task 3\*

```
54 • select department,avg(salary)from employee group by department having avg(salary);
55
56 -- 11
57 • select department, count(department) from employee group by department;
58
59 -- 12
60 • select department, max(salary)from employee group by department;
61
62
```

Result Grid

department	max(salary)
Engineering	88000
hr	61000
sales	67000
marketing	66000

Result 23 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
56	14.40.05	select department,sum(salary)from employee group by department having sum(salary) LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
57	14.42.15	select department,avg(salary)from employee group by department having avg(salary) LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
58	14.52.58	select department, count(department)from employee group by department LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
59	14.58.38	select department, max(salary)from employee group by department LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

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Search

ENG IN

14:58 08-05-2025



MySQL Workbench

Local instance MySQL80 x

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Administration Schemas

Information

No object selected

Object Info Session

Query1\* task1\* SQL task 2\* SQL task 3\*

Limit to 1000 rows

```
-- 12
60 • select department, max(salary) from employee group by department;
61
-- 13
63 • select year (hire_date) as hire_year, sum(salary) from employee group by hire_year;
64
65
66
```

Result Grid

hire_year	sum(salary)
2018	128000
2019	183000
2020	123000
2017	121000
2021	102000
2016	88000
2022	100000
2015	67000

Result 24 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
57	14.42.15	select department_avg(salary) from employee group by department having avg(salary) LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
58	14.52.58	select department_count(department) from employee group by department LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
59	14.58.38	select department_max(salary) from employee group by department LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
60	15.10.12	select year (hire_date) as hire_year, sum(salary) from employee group by hire_year LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec

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

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