

Local instance MySQL80

FileEditViewQueryDatabaseServerToolsScriptingHelp

Navigation

server defined functionsjoinsub queriesviewsstored proceduressptriggersDCLASSIGNMENT 10Module End Project_MySQL- LI...Day 33- Aggre

SCHEMAS

Filter objects

entry_d41

Tables

countrycustomersdance_studentsemployeesmanagersmusic_studentsordersparent_nameparticipants

AdministrationSchemas

Information

1-- Aggregate functions in MySQL

2• SELECT * FROM STAFFS;

3-- COUNT

4• SELECT COUNT(*) AS TOTAL_STAFFS FROM STAFFS;

5

6-- SUM

7• SELECT SUM(SALARY) AS TOTAL_SALARY_OF_EMPLOYEES FROM STAFFS;

8

9-- AVERAGE

10• SELECT AVG(salary) AS AVERAGE_SALARY_OF_EMPLOYEES FROM STAFFS;

11

No object selected

Result Grid

Filter Rows:

Export:

Wrap Cell Content: 1A

	staff_id	staff_name	department	salary
▶	1	ajay	marketing	25000
	2	arun	sales	45000
	3	shanthan	Hr	20000
	4	das	finance	15000
	5	joseph	sales	20000

STAFFS 1

Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	22.12.10	SELECT * FROM STAFFS	5 row(s) returned	0.047 sec / 0.000 sec

Object InfoSession

Local instance MySQL80 x

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SCHEMAS

Filter objects

entry_d41

- country
- customers
- dance_students
- employees
- managers
- music_students
- orders
- parent_name
- participants

Administration Schemas

Information

No object selected

Result Grid

	TOTAL_STAFFS
▶	5

Result 2 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	22:12:10	SELECT * FROM STAFFS	5 row(s) returned	0.047 sec / 0.000 sec
✓ 2	22:12:49	SELECT COUNT(*) AS TOTAL_STAFFS FROM STAFFS	1 row(s) returned	0.046 sec / 0.000 sec

```
1 -- Aggregate functions in MySQL
2 • SELECT * FROM STAFFS;
3 -- COUNT
4 • SELECT COUNT(*) AS TOTAL_STAFFS FROM STAFFS;
5
6 -- SUM
7 • SELECT SUM(SALARY) AS TOTAL_SALARY_OF_EMPLOYEES FROM STAFFS;
8
9 -- AVERAGE
10 • SELECT AVG(salary) AS AVERAGE_SALARY_OF_EMPLOYEES FROM STAFFS;
11
```

MySQL Workbench

Local instance MySQL80

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Navigator

SCHMAS

Filter objects

entry_d41

Tables

- country
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- dance_students
- employees
- managers
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- orders
- parent_name
- participants

Administration Schemas

Information

No object selected

Result Grid

	TOTAL_SALARY_OF_EMPLOYEES
1	125000

Result 3

Output

Action Output

#	Time	Action	Message	Duration / Fetch
2	22:12:49	SELECT COUNT(*) AS TOTAL_STAFFS FROM STAFFS	1 row(s) returned	0.046 sec / 0.000 sec
3	22:13:01	SELECT SUM(SALARY) AS TOTAL_SALARY_OF_EMPLOYEES FROM STAFFS	1 row(s) returned	0.000 sec / 0.000 sec

Local Instance MySQL80

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Navigator

SCHEMAS

Filter objects

entry_d41

Tables

country

customers

dance_students

employees

managers

music_students

orders

parent_name

participants

Administration

Schemas

Information

No object selected

server defined functions joins sub queries views stored procedures sp triggers DCL ASSIGNMENT 10 Module End Project_MySQL- Li... Day 33- Aggre

Don't Limit

4 SELECT COUNT(*) AS TOTAL_STAFFS FROM STAFFS;

5

6 -- SUM

7 SELECT SUM(SALARY) AS TOTAL_SALARY_OF_EMPLOYEES FROM STAFFS;

8

9 -- AVERAGE

10 SELECT AVG(salary) AS AVERAGE_SALARY_OF_EMPLOYEES FROM STAFFS;

11

12 -- MAXIMUM

13 SELECT MAX(SALARY) AS HIGHEST_SALARY FROM STAFFS ;

14

Result Grid

Filter Rows:

Export:

Wrap Cell Contents

Result Grid

Form Editor

AVERAGE_SALARY_OF_EMPLOYEES	
▶	25000.0000

Result 4

Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
3	22:13:01	SELECT SUM(SALARY) AS TOTAL_SALARY_OF_EMPLOYEES FROM STAFFS	1 row(s) returned	0.000 sec / 0.000 sec
4	22:13:17	SELECT AVG(salary) AS AVERAGE_SALARY_OF_EMPLOYEES FROM STAFFS	1 row(s) returned	0.016 sec / 0.000 sec

Object Info Session

mysql workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

entry_d41

Tables

- country
- customers
- dance_students
- employees
- managers
- music_students
- orders
- parent_name
- participants

Administration Schemas

Information

server defined functions joins sub queries views stored procedures sp triggers DCL ASSIGNMENT 10 Module End Project_MySQL- Li... Day 33- Aggre

Don't Limit

```
7 • SELECT SUM(SALARY) AS TOTAL_SALARY_OF_EMPLOYEES FROM STAFFS;
8
9 -- AVERAGE
10 • SELECT AVG(salary) AS AVERAGE_SALARY_OF_EMPLOYEES FROM STAFFS;
11
12 -- MAXIMUM
13 • SELECT MAX(SALARY) AS HIGHEST_SALARY FROM STAFFS ;
14
15 -- MINIMUM
16 • SELECT MIN(SALARY) AS HIGHEST_SALARY FROM STAFFS ;
17
```

Result Grid

	HIGHEST_SALARY
▶	45000

Result 5 x Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 4	22:13:17	SELECT AVG(salary) AS AVERAGE_SALARY_OF_EMPLOYEES FROM STAFFS	1 row(s) returned	0.016 sec / 0.000 sec
✓ 5	22:13:30	SELECT MAX(SALARY) AS HIGHEST_SALARY FROM STAFFS	1 row(s) returned	0.032 sec / 0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL80 x

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Navigator

SCHEMAS

Filter objects

entry_d41

Tables

- country
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- music_students
- orders
- parent_name
- participants

Administration Schemas

ser defined functions joins sub queries views stored procedures sp triggers DCL ASSIGNMENT 10 Module End Project_MySQL- Li Day 33- Aggre 4

Don't Limit

```
4 • SELECT COUNT(*) AS TOTAL_STAFFS FROM STAFFS;
5
6 -- SUM
7 • SELECT SUM(SALARY) AS TOTAL_SALARY_OF_EMPLOYEES FROM STAFFS;
8
9 -- AVERAGE
10 • SELECT AVG(salary) AS AVERAGE_SALARY_OF_EMPLOYEES FROM STAFFS;
11
12 -- MAXIMUM
13 • SELECT MAX(SALARY) AS HIGHEST_SALARY FROM STAFFS ;
14
```

Result Grid

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

	HIGHEST_SALARY
▶	15000

Result 6 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓	5 22:13:30	SELECT MAX(SALARY) AS HIGHEST_SALARY FROM STAFFS	1 row(s) returned	0.032 sec / 0.000 sec
✓	6 22:13:42	SELECT MIN(SALARY) AS HIGHEST_SALARY FROM STAFFS	1 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL80 x

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Navigator

SCHMAS

Filter objects

entry_d41

- Tables
 - country
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 - dance_students
 - employees
 - managers
 - music_students
 - orders
 - parent_name
 - participants

Administration Schemas

Information

No object selected

ser defined functions joins sub queries views stored procedures sp triggers DCL ASSIGNMENT 10 Module End Project_MySQL- Li... Day 33- Aggre

Don't Limit

```
10 • SELECT AVG(salary) AS AVERAGE_SALARY_OF_EMPLOYEES FROM STAFFS;
11
12 -- MAXIMUM
13 • SELECT MAX(SALARY) AS HIGHEST_SALARY FROM STAFFS ;
14
15 -- MINIMUM
16 • SELECT MIN(SALARY) AS HIGHEST_SALARY FROM STAFFS ;
17
18 -- GROUP BY CLAUSE
19 • SELECT department, MAX(salary) AS HIGHEST_SALARY FROM STAFFS GROUP BY department;
20
```

Result Grid

department	HIGHEST_SALARY
marketing	25000
sales	45000
Hr	20000
frinice	15000

Result 7 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
6	22:13:42	SELECT MIN(SALARY) AS HIGHEST_SALARY FROM STAFFS	1 row(s) returned	0.000 sec / 0.000 sec
7	22:13:58	SELECT department, MAX(salary) AS HIGHEST_SALARY FROM STAFFS GROUP BY dep...	4 row(s) returned	0.016 sec / 0.000 sec

Object Info Session

MySQL Workbench

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Navigator

SCHMAS

Filter objects

entry_d41

- Tables
 - country
 - customers
 - dance_students
 - employees
 - managers
 - music_students
 - orders
 - parent_name
 - participants

Administration Schemas

Information

No object selected

ser defined functions joins sub queries views stored procedures sp triggers DCL ASSIGNMENT 10 Module End Project_MySQL- Li Day 33- Aagre

Don't Limit

```
13 SELECT MAX(SALARY) AS HIGHEST_SALARY FROM STAFFS ;
14
15 -- MINIMUM
16 SELECT MIN(SALARY) AS HIGHEST_SALARY FROM STAFFS ;
17
18 -- GROUP BY CLAUSE
19 SELECT department, MAX(salary) AS HIGHEST_SALARY FROM STAFFS GROUP BY department;
20
21 -- GROUP BY WITH HAVING CLAUSE
22 SELECT department, MAX(salary) AS HIGHEST_SALARY FROM STAFFS GROUP BY department HAVING HIGHEST_SALARY > 40000;
23
```

Result Grid

department	HIGHEST_SALARY
sales	45000

Result 8

Output

Action Output

#	Time	Action	Message	Duration / Fetch
7	22:13:53	SELECT department, MAX(salary) AS HIGHEST_SALARY FROM STAFFS GROUP BY dep...	4 row(s) returned	0.016 sec / 0.000 sec
8	22:14:12	SELECT department, MAX(salary) AS HIGHEST_SALARY FROM STAFFS GROUP BY depa...	1 row(s) returned	0.000 sec / 0.000 sec

Object Info Session