Data Science – MySql – Imp Functions

8. MySql – Imp functions

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Data Science – MySql – Imp Functions

8. MySql – Imp functions

1. Functions

- \checkmark In mysql there are predefined functions.
- ✓ These functions helps us to finish basic requirements.

2. min(column name) function

- ✓ The min(column) is a predefined function in mysgl.
- ✓ By using this function we can get minimum value from specific column

Login Login with valid credentials Query Creating a table mysql> select * from persons; Output nysql> select * from persons; PersonID FirstName | Address location 101 Danial Near to Data Science Area Nireekshan 102 D Near to AI Theatre Bengaluru 103 Ranjan Near to Python Theatre Hyderabad 104 Near to Python Road Hyderabad Prasad rows in set (0.00 sec)

Login Login with valid credentials
Query Creating a table

mysql> select min(personid) from persons;

Output

+----+
| min(personid) |
+----+
| 101 |
+----+

3. max(column name) function

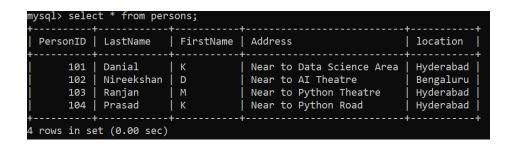
- ✓ The max(column) is a predefined function in mysql.
- ✓ By using this function we can get maximum value from specific column

Login Login with valid credentials

Query Creating a table

mysql> select * from persons;

Output



Login Login with valid credentials

Query Creating a table

mysql> select max(personid) from persons;

Output

```
+----+
| max(personid) |
+-----+
| 104 |
+-----+
1 row in set (0.00 sec)
```

4. count(column name) function

103

104

4 rows in set (0.00 sec)

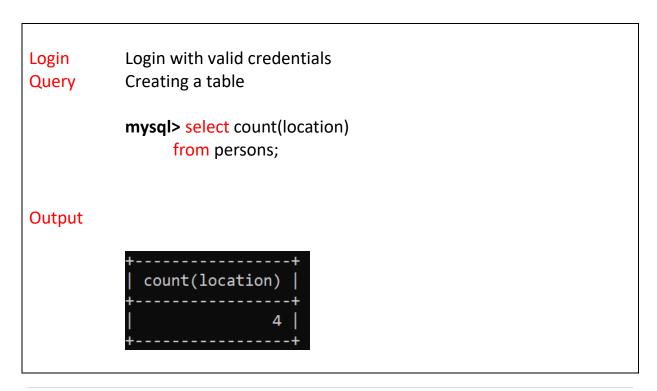
Ranjan

Prasad

- ✓ The count(column) is a predefined function in mysql.
- ✓ The count(column name) function returns the number of rows from the table.
- ✓ This function even returns the number of rows that matches a specified criterion.

Login Login with valid credentials Creating a table Query mysql> select * from persons; Output | FirstName | Address PersonID | LastName location 101 Danial Near to Data Science Area Hyderabad 102 Nireekshan Near to AI Theatre Bengaluru

K



Near to Python Theatre

Near to Python Road

Hyderabad

Hyderabad

```
Login Login with valid credentials
Query Creating a table

mysql> select count(location)
from persons
where location = 'hyderabad';

Output

tount(location) |
tount(location)
```

5. avg(column name) function

- ✓ The avg(column) is a predefined function in mysql.
- ✓ The avg(column name) function returns average value from the values

```
Login Unsert the data into table

mysql> insert into products(prodname, prodprice)
values ('samsung', 12000);

Query OK, 1 row affected (0.01 sec)

mysql> insert into products(prodname, prodprice)
values ('iphone 14', 75000);

Query OK, 1 row affected (0.01 sec)

mysql> insert into products(prodname, prodprice)
values ('iphone 14', 75000);

Query OK, 1 row affected (0.01 sec)

Query OK, 1 row affected (0.01 sec)
```

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Output

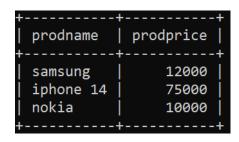
Data inserted successfully into the products table

Login Login with valid credentials

Query Select table

mysql> select * from products;

Output

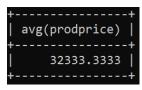


Login Login with valid credentials

Query Apply avg(column) function

mysql> select avg(prodprice)
 from products;

Output



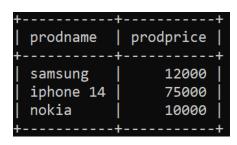
6. sum(column name) function

- ✓ The sum(column) is a predefined function in mysql.
- ✓ The sum(column name) function returns sum of all values in column

Login Login with valid credentials Query Select table

mysql> select * from products;

Output



Login Query

Login with valid credentials Apply sum(column) function

mysql> select sum(prodprice) from products;

Output

