

```
MySQL 8.1 Command Line Ctr
mysql> select * from Ingredient;
+-----+-----+-----+-----+-----+
| IngredientID | Name   | Category | Quantity | Unit |
+-----+-----+-----+-----+-----+
| 1           | Tomato | NULL     | 3        | pcs  |
+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql>
mysql> desc rms;
ERROR 1146 (42S02): Table 'rms.rms' doesn't exist
mysql> desc databases;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'd
atabases' at line 1
mysql> desc database rms;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'd
atabase rms' at line 1
mysql> desc table;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near ''
 at line 1
mysql> desc tables;
ERROR 1146 (42S02): Table 'rms.tables' doesn't exist
mysql> show tables;
+-----+
| Tables_in_rms |
+-----+
| category       |
| cookingevent   |
| ingredient      |
| recipe         |
| recipeingredient |
| recipetag      |
| review         |
| tag            |
| user          |
+-----+
9 rows in set (0.03 sec)

mysql>
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MySQL 8.1 Command Line Ctr
mysql>
mysql> desc rms;
ERROR 1146 (42S02): Table 'rms.rms' doesn't exist
mysql> desc databases;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'd
atabases' at line 1
mysql> desc database rms;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'd
atabase rms' at line 1
mysql> desc table;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near ''
 at line 1
mysql> desc tables;
ERROR 1146 (42S02): Table 'rms.tables' doesn't exist
mysql> show tables;
+-----+
| Tables_in_rms |
+-----+
| category       |
| cookingevent   |
| ingredient      |
| recipe         |
| recipeingredient |
| recipetag      |
| review         |
| tag            |
| user          |
+-----+
9 rows in set (0.03 sec)

mysql> desc category;
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| CategoryID | int       | NO   | PRI | NULL    |       |
| Name       | varchar(255) | YES |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.01 sec)

mysql>
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MySQL 8.1 Command Line Ctr
at line 1
mysql> desc tables;
ERROR 1146 (42502): Table 'rms.tables' doesn't exist
mysql> show tables;
+-----+
| Tables_in_rms |
+-----+
| category       |
| cookingevent   |
| ingredient      |
| recipe         |
| recipeingredient |
| recipetag      |
| review         |
| tag            |
| user           |
+-----+
9 rows in set (0.03 sec)

mysql> desc category;
+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+
| CategoryID | int       | NO   | PRI | NULL    |       |
| Name       | varchar(255) | YES  |     | NULL    |       |
+-----+
2 rows in set (0.01 sec)

mysql> desc cookingevent;
+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+
| EventID    | int       | NO   | PRI | NULL    |       |
| UserID     | int       | YES  | MUL | NULL    |       |
| Date       | date      | YES  |     | NULL    |       |
| Description | varchar(255) | YES  |     | NULL    |       |
+-----+
4 rows in set (0.00 sec)

mysql>
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MySQL 8.1 Command Line Ctr
| recipetag |
| review    |
| tag       |
| user      |
+-----+
9 rows in set (0.03 sec)

mysql> desc category;
+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+
| CategoryID | int       | NO   | PRI | NULL    |       |
| Name       | varchar(255) | YES  |     | NULL    |       |
+-----+
2 rows in set (0.01 sec)

mysql> desc cookingevent;
+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+
| EventID    | int       | NO   | PRI | NULL    |       |
| UserID     | int       | YES  | MUL | NULL    |       |
| Date       | date      | YES  |     | NULL    |       |
| Description | varchar(255) | YES  |     | NULL    |       |
+-----+
4 rows in set (0.00 sec)

mysql> desc ingredient;
+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+
| IngredientID | int       | NO   | PRI | NULL    |       |
| Name        | varchar(255) | YES  |     | NULL    |       |
| Category    | varchar(255) | YES  |     | NULL    |       |
| Quantity    | int       | YES  |     | NULL    |       |
| Unit        | varchar(50) | YES  |     | NULL    |       |
+-----+
5 rows in set (0.00 sec)

mysql>
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MySQL 8.1 Command Line Ctr
+ + +
| Name | varchar(255) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.01 sec)

mysql> desc cookingevent;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| EventID | int | NO | PRI | NULL | |
| UserID | int | YES | MUL | NULL | |
| Date | date | YES | | NULL | |
| Description | varchar(255) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> desc ingredient;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| IngredientID | int | NO | PRI | NULL | |
| Name | varchar(255) | YES | | NULL | |
| Category | varchar(255) | YES | | NULL | |
| Quantity | int | YES | | NULL | |
| Unit | varchar(50) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> desc recipe;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| RecipeID | int | NO | PRI | NULL | |
| Title | varchar(255) | YES | | NULL | |
| Description | varchar(255) | YES | | NULL | |
| Instructions | text | YES | | NULL | |
| DateCreated | date | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> |
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MySQL 8.1 Command Line Ctr
+ + +
| UserID | int | YES | MUL | NULL | |
| Date | date | YES | | NULL | |
| Description | varchar(255) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> desc ingredient;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| IngredientID | int | NO | PRI | NULL | |
| Name | varchar(255) | YES | | NULL | |
| Category | varchar(255) | YES | | NULL | |
| Quantity | int | YES | | NULL | |
| Unit | varchar(50) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> desc recipe;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| RecipeID | int | NO | PRI | NULL | |
| Title | varchar(255) | YES | | NULL | |
| Description | varchar(255) | YES | | NULL | |
| Instructions | text | YES | | NULL | |
| DateCreated | date | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> desc recipeingredient;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| RecipeID | int | NO | PRI | NULL | |
| IngredientID | int | NO | PRI | NULL | |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> |
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MySQL 8.1 Command Line Ctr  x + -
+-----+
| IngredientID | int | NO | PRI | NULL | | |
| Name         | varchar(255) | YES | | NULL | | |
| Category     | varchar(255) | YES | | NULL | | |
| Quantity     | int | YES | | NULL | | |
| Unit         | varchar(50) | YES | | NULL | | |
+-----+
5 rows in set (0.00 sec)

mysql> desc recipe;
+-----+
| Field      | Type | Null | Key | Default | Extra |
+-----+
| RecipeID   | int  | NO   | PRI | NULL    |       |
| Title      | varchar(255) | YES | | NULL    |       |
| Description | varchar(255) | YES | | NULL    |       |
| Instructions | text | YES | | NULL    |       |
| DateCreated | date | YES | | NULL    |       |
+-----+
5 rows in set (0.00 sec)

mysql> desc recipeingredient;
+-----+
| Field      | Type | Null | Key | Default | Extra |
+-----+
| RecipeID   | int  | NO   | PRI | NULL    |       |
| IngredientID | int  | NO   | PRI | NULL    |       |
+-----+
2 rows in set (0.00 sec)

mysql> desc recipetag;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| RecipeID | int | NO | PRI | NULL |       |
| TagID    | int | NO | PRI | NULL |       |
+-----+
2 rows in set (0.00 sec)

mysql> |
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```
MySQL 8.1 Command Line Ctr  x + -
+-----+
| RecipeID | int | NO | PRI | NULL | | |
| Title     | varchar(255) | YES | | NULL | | |
| Description | varchar(255) | YES | | NULL | | |
| Instructions | text | YES | | NULL | | |
| DateCreated | date | YES | | NULL | | |
+-----+
5 rows in set (0.00 sec)

mysql> desc recipeingredient;
+-----+
| Field      | Type | Null | Key | Default | Extra |
+-----+
| RecipeID   | int  | NO   | PRI | NULL    |       |
| IngredientID | int  | NO   | PRI | NULL    |       |
+-----+
2 rows in set (0.00 sec)

mysql> desc recipetag;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| RecipeID | int | NO | PRI | NULL |       |
| TagID    | int | NO | PRI | NULL |       |
+-----+
2 rows in set (0.00 sec)

mysql> desc review;
+-----+
| Field      | Type | Null | Key | Default | Extra |
+-----+
| ReviewID   | int  | NO   | PRI | NULL    |       |
| RecipeID   | int  | YES  | MUL | NULL    |       |
| UserID     | int  | YES  | MUL | NULL    |       |
| Rating     | int  | YES  | | NULL    |       |
| Comment    | text | YES  | | NULL    |       |
| DatePosted | date | YES  | | NULL    |       |
+-----+
6 rows in set (0.00 sec)

mysql> |
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MySQL 8.1 Command Line Ctr
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| RecipeID | int | NO | PRI | NULL | |
| IngredientID | int | NO | PRI | NULL | |
+-----+
2 rows in set (0.00 sec)

mysql> desc recipetag;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| RecipeID | int | NO | PRI | NULL | |
| TagID | int | NO | PRI | NULL | |
+-----+
2 rows in set (0.00 sec)

mysql> desc review;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| ReviewID | int | NO | PRI | NULL | |
| RecipeID | int | YES | MUL | NULL | |
| UserID | int | YES | MUL | NULL | |
| Rating | int | YES | | NULL | |
| Comment | text | YES | | NULL | |
| DatePosted | date | YES | | NULL | |
+-----+
6 rows in set (0.00 sec)

mysql> desc tag;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| TagID | int | NO | PRI | NULL | |
| Name | varchar(255) | YES | | NULL | |
+-----+
2 rows in set (0.00 sec)

mysql>
```

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MySQL 8.1 Command Line Ctr
+-----+
| RecipeID | int | NO | PRI | NULL | |
| TagID | int | NO | PRI | NULL | |
+-----+
2 rows in set (0.00 sec)

mysql> desc review;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| ReviewID | int | NO | PRI | NULL | |
| RecipeID | int | YES | MUL | NULL | |
| UserID | int | YES | MUL | NULL | |
| Rating | int | YES | | NULL | |
| Comment | text | YES | | NULL | |
| DatePosted | date | YES | | NULL | |
+-----+
6 rows in set (0.00 sec)

mysql> desc tag;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| TagID | int | NO | PRI | NULL | |
| Name | varchar(255) | YES | | NULL | |
+-----+
2 rows in set (0.00 sec)

mysql> desc user;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| UserID | int | NO | PRI | NULL | |
| FirstName | varchar(255) | YES | | NULL | |
| LastName | varchar(255) | YES | | NULL | |
| Email | varchar(255) | YES | | NULL | |
| Password | varchar(255) | YES | | NULL | |
+-----+
5 rows in set (0.00 sec)

mysql>
```