

Database management system

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Where:

```
MySQL 8.0 Command Line Cli x + v
+-----+-----+-----+-----+
| name | age | dept | experience | fac_id |
+-----+-----+-----+-----+
| Madhi | 18 | cse | 5 | 101 |
+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql> select name,fac_id from faculty where age=18;
+-----+-----+
| name | fac_id |
+-----+-----+
| Madhi | 101 |
| Umair | 103 |
| pooji | 104 |
+-----+-----+
3 rows in set (0.00 sec)

mysql> select name,fac_id from faculty where age<18;
+-----+-----+
| name | fac_id |
+-----+-----+
| Harini | 102 |
+-----+-----+
1 row in set (0.00 sec)

mysql> select name,fac_id,age from faculty where fac_id>102 and fac_id<200;
+-----+-----+-----+
| name | fac_id | age |
+-----+-----+-----+
| Umair | 103 | 18 |
| pooji | 104 | 18 |
+-----+-----+-----+
2 rows in set (0.01 sec)
```

Pattern matching:

```
MySQL 8.0 Command Line Cli x + v

mysql> use sse;
Database changed
mysql> show tables;
+-----+
| Tables_in_sse |
+-----+
| clg |
| fac_id |
| faculty |
+-----+
3 rows in set (0.00 sec)

mysql> select*from clg;
Empty set (0.00 sec)

mysql> select*from fac_id;
+-----+-----+-----+
| id | name | address |
+-----+-----+-----+
| 101 | Madhi | kadapa |
| 102 | Harini | Chittoor |
| 103 | Umair | kadapa |
| 104 | Pooji | Anantapur |
+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> select*from faculty;
+-----+-----+-----+-----+-----+
| name | age | dept | experience | fac_id |
+-----+-----+-----+-----+-----+
| Madhi | 18 | cse | 5 | 101 |
| Harini | 12 | ece | 5 | 102 |
| Umair | 18 | bio | 5 | 103 |
| pooji | 18 | aero | 5 | 104 |
+-----+-----+-----+-----+-----+
```

```
MySQL 8.0 Command Line Cli x + v
mysql> select*from faculty having age=12;
+-----+-----+-----+-----+-----+
| name | age | dept | experience | fac_id |
+-----+-----+-----+-----+-----+
| Harini | 12 | ece | 5 | 102 |
+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql> select*from faculty where name like "%p";
Empty set (0.01 sec)

mysql> select*from faculty where name like "M%";
+-----+-----+-----+-----+-----+
| name | age | dept | experience | fac_id |
+-----+-----+-----+-----+-----+
| Madhi | 18 | cse | 5 | 101 |
+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql> select*from faculty where name like "%i";
+-----+-----+-----+-----+-----+
| name | age | dept | experience | fac_id |
+-----+-----+-----+-----+-----+
| Madhi | 18 | cse | 5 | 101 |
| Harini | 12 | ece | 5 | 102 |
| pooji | 18 | aero | 5 | 104 |
+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select*from faculty where name like "%i";
Empty set (0.00 sec)

mysql> select*from faculty where fac_id like "%1";
+-----+-----+-----+-----+-----+
| name | age | dept | experience | fac_id |
+-----+-----+-----+-----+-----+
```