

## PARTITION BY LIST

```
mysql> select count(*)
-> from cemabe_personal
-> where nivel
-> between 7 and 9
-> and curp<>'';
+-----+
| count(*) |
+-----+
| 310857 |
+-----+
1 row in set (1.21 sec)
```

```
mysql>
mysql> select count(*)
-> from cemabe_personal
-> partition(partNivel3)
-> where curp <>'';
+-----+
| count(*) |
+-----+
| 310857 |
+-----+
1 row in set (1.01 sec)
```

## PARTITION BY RANGE

```
mysql> select count(*)
-> from cemabe_personal
-> where edad
-> between 30 and 39
-> and curp<>'';
+-----+
| count(*) |
+-----+
| 474780 |
+-----+
1 row in set (0.72 sec)
```

```
mysql>
mysql> select count(*)
-> from cemabe_personal
-> partition(partEdad30)
-> where curp <>'';
+-----+
| count(*) |
+-----+
| 474780 |
+-----+
1 row in set (0.63 sec)
```

## PARTITION BY KEY

```
mysql> select ap_paterno, ap_materno,nombre_mae, curp, clave_ct,id_persona
-> from cemabe_personal where id_persona = 0802811;
+-----+-----+-----+-----+-----+-----+
| ap_paterno | ap_materno | nombre_mae | curp          | clave_ct | id_persona |
+-----+-----+-----+-----+-----+-----+
| JAIMES     | PICHARDO  | SALVADOR  | JAPS931001HMCCL08 | 10KPR0347E4 | 0802811 |
+-----+-----+-----+-----+-----+-----+
1 row in set (3.40 sec)
```

```
mysql> select ap_paterno, ap_materno,nombre_mae, curp, clave_ct,id_persona
-> from cemabe_personal partition(p0)
-> where id_persona = 0802811;
+-----+-----+-----+-----+-----+-----+
| ap_paterno | ap_materno | nombre_mae | curp          | clave_ct | id_persona |
+-----+-----+-----+-----+-----+-----+
| JAIMES     | PICHARDO  | SALVADOR  | JAPS931001HMCCL08 | 10KPR0347E4 | 0802811 |
+-----+-----+-----+-----+-----+-----+
1 row in set (0.25 sec)
```

## COMPOSITE PARTITION

```
mysql> SELECT count(*) FROM cemabe_personal where curp<>'' and nivel = 9 and edad between 20 and 30;
+-----+
| count(*) |
+-----+
| 9635 |
+-----+
1 row in set (0.42 sec)
```

```
mysql> SELECT count(*) FROM cemabe_personal partition(par9) where curp<>'' and edad between 20 and 30;
+-----+
| count(*) |
+-----+
| 9635 |
+-----+
1 row in set (0.26 sec)
```