

GROUP BY and ORDER BY

SELECT Syntax

```
SELECT
    select_expr [, select_expr ...]
    [FROM table_references
    [WHERE where_condition]
    [GROUP BY {col_name | expr | position}, ...
    [WITH ROLLUP]]
    [HAVING where_condition]
    [ORDER BY {col_name | expr | position}
    [ASC | DESC], ... [WITH ROLLUP]]
```

SELECT **statement with** GROUP BY:

```
mysql> SELECT select_expr WHERE where_condition
GROUP BY col_name [WITH ROLLUP];
```

SELECT **statement with** GROUP BY ... HAVING:

```
mysql> SELECT select_expr WHERE where_condition
GROUP BY col_name HAVING where_condition;
```

SELECT **statement with** ORDER BY:

```
mysql> SELECT select_expr WHERE where_condition
ORDER BY col_name;
```

SELECT **statement with** GROUP BY **and** ORDER BY:

```
mysql> SELECT select_expr WHERE where_condition
GROUP BY col_name [HAVING where_condition] ORDER BY
col_name;
```

