

### Rangfolge

```
SELECT [ DISTINCT | ALL ]
FROM Tabelle [AS Alias]
JOIN .. ON
[WHERE]
[ GROUP BY]
[HAVING]
[ UNION [ALL] ]
[ ORDER BY]
```

### ORDER BY

ASC            Aufsteigend  
(Standart)

DESC           Absteigend

ORDER BY plz DESC, name

### Mengenoperationen

UNION          Vereinigung

INTERSECT    Durchschnitt -> Datensätze, die  
in beiden Mengen vorhanden  
sind

EXEPT /        Differenz -> Alle die in Tabelle  
Minus         A, aber NICHT in Tabelle B  
vorhanden sind

### Aggregetfunktionen

COUNT(\*)       Anzahl

SUM(\*)         Summe

AVG(\*)         Durchschnitt

MIN() / MAX()    Minimum / Maximum

VAR(\*)         Varianz

STDEV(\*)       Standartabweichung

### WHERE

= < > <=        WHERE id > 3  
=> <>

BETWEEN        WHERE id **BETWEEN** 40 **AND**  
50

NOT             WHERE ID **NOT BETWEEN** 40  
BETWEEN        **AND** 50

LIKE            WHERE name **LIKE** 'B%'

WHERE name LIKE '%alt%'

WHERE name **LIKE** '\_eier'

ISNULL         WHERE telefon **IS NULL**

WHERE telefon **IS NOT NULL**

IN              WHERE farbe **IN** ('Grün','Gelb')

WHERE farbe **IN (SELECT ...)**

NOT             WHERE **NOT** (id >100)

AND            WHERE id > 100 **AND** farbe =  
'blau'

OR              WHERE id < 100 **OR**  
farbe='blau'

XOR            True, wenn genau ein Wert wahr  
und ein Wert falsch ist



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