

# INNER JOIN

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- Check the following link:

[https://www.w3schools.com/sql/sql\\_join.asp](https://www.w3schools.com/sql/sql_join.asp)

[https://www.w3schools.com/sql/sql\\_join\\_inner.asp](https://www.w3schools.com/sql/sql_join_inner.asp)

# Definition

- Ein JOIN ist eine SQL-Klausel, die Daten aus mehreren Tabellen miteinander verknüpft.
- Diese Verknüpfung basiert auf den logischen Beziehungen zwischen Tabellen.

123 DVDID	ABC ORIGINALTITEL	123 PERSONID
0	Casablanca	0 ↗
1	James Bond 007	[NULL]
2	Der Pate	0 ↗
3	Taxi Driver	1 ↗
4	Stirb langsam	[NULL]

```

SELECT dvd.DVDID,
       dvd.ORIGINALTITEL,
       dvd.PERSONID
FROM   DVD dvd;

```

123 PERSONID	ABC VORNAME	ABC NACHNAME
0	Thomas	Griesmayer
1	Susi	Griesmayer
2	Max	Berger
3	Alexandra	Meier

```

SELECT prs.PERSONID,
       prs.VORNAME,
       prs.NACHNAME
FROM   PERSON prs

```

123 DVDID	ABC ORIGINALTITEL	123 PERSONID
0	Casablanca	0
1	James Bond 007	[NULL]
2	Der Pate	0
3	Taxi Driver	1
4	Stirb langsam	[NULL]

123 PERSONID	ABC VORNAME	ABC NACHNAME
0	Thomas	Griesmayer
1	Susi	Griesmayer
2	Max	Berger
3	Alexandra	Meier

```

SELECT dvd.DVDID,
       dvd.ORIGINALTITEL,
       dvd.PERSONID,
       prs.PERSONID,
       prs.VORNAME,
       prs.NACHNAME
FROM   DVD dvd
       JOIN
       PERSON prs

```

Results 1 x

SELECT dvd.DVDID, dvd.ORIGINALTITEL, dvd.PERSONID, | Enter a SQL expression to filter results (

	123 DVDID	ABC ORIGINALTITEL	123 PERSONID	123 PERSONID	ABC VORNA
1	0	Casablanca	0	0	Thomas
2	1	James Bond 007	[NULL]	0	Thomas
3	2	Der Pate	0	0	Thomas
4	3	Taxi Driver	1	0	Thomas
5	4	Stirb langsam	[NULL]	0	Thomas
6	0	Casablanca	0	1	Susi
7	1	James Bond 007	[NULL]	1	Susi
8	2	Der Pate	0	1	Susi
9	3	Taxi Driver	1	1	Susi
10	4	Stirb langsam	[NULL]	1	Susi
11	0	Casablanca	0	2	Max
12	1	James Bond 007	[NULL]	2	Max
13	2	Der Pate	0	2	Max
14	3	Taxi Driver	1	2	Max
15	4	Stirb langsam	[NULL]	2	Max
16	0	Casablanca	0	3	Alexandra

123 DVDID	ABC ORIGINALTITEL	123 PERSONID
0	Casablanca	0
1	James Bond 007	[NULL]
2	Der Pate	0
3	Taxi Driver	1
4	Stirb langsam	[NULL]

123 PERSONID	ABC VORNAME	ABC NACHNAME
0	Thomas	Griesmayer
1	Susi	Griesmayer
2	Max	Berger
3	Alexandra	Meier

```

SELECT dvd.DVDID,
       dvd.ORIGINALTITEL,
       dvd.PERSONID,
       prs.PERSONID,
       prs.VORNAME,
       prs.NACHNAME
FROM   DVD dvd
       INNER JOIN
       PERSON prs
       ON dvd.PERSONID = prs.PERSONID

```

123 DVDID	ABC ORIGINALTITEL	123 PERSONID	123 PERSONID	ABC VORNAME	ABC NACHNAME
0	Casablanca	0	0	Thomas	Griesmayer
2	Der Pate	0	0	Thomas	Griesmayer
3	Taxi Driver	1	1	Susi	Griesmayer