

Transfer rows to column

```
+----+-----+-----+
| ID | Col1 | Col2 |
+----+-----+-----+
| 1  | Val11 | Val12 |
| 2  | Val21 | Val22 |
+----+-----+-----+
```

Transfer Row to column

```
SELECT *
FROM my_table
PIVOT (
    MAX(Col1) AS Col1, MAX(Col2) AS Col2
    FOR ID IN (1, 2)
) AS p;
```

Result:

```
+----+-----+-----+-----+-----+
| ID | 1_Col1 | 1_Col2 | 2_Col1 | 2_Col2 |
+----+-----+-----+-----+-----+
| 1  | Val11  | Val12  | NULL   | NULL   |
| 2  | NULL   | NULL   | Val21  | Val22  |
+----+-----+-----+-----+-----+
```

Transfer columns to rows:

```
SELECT ID, ColName, ColValue
FROM my_table
UNPIVOT (
    ColValue FOR ColName IN (Col1, Col2)
) AS u;
```

Result:

+---+-----+-----+		
ID	ColName	ColValue
+---+-----+-----+		
1	Col1	Val11
1	Col2	Val12
2	Col1	Val21
2	Col2	Val22
+---+-----+-----+		