

# Joins

## LEFT JOIN

TABELA 1 (LEFT)

cpf	name
1	ALINE
2	SANDRO
3	CAIQUE
4	ROSA
5	PEDRO

TABELA 2 (RIGHT)

cpf	state
1	SP
3	RJ
4	MS
6	MT
7	GO



RESULTADO

cpf	name	state
1	ALINE	SP
2	SANDRO	null
3	CAIQUE	RJ
4	ROSA	MS
5	PEDRO	null

```
select t1.cpf, t1.name, t2.state
from temp_tables.tabela_1 as t1
left join temp_tables.tabela_2 as t2
on t1.cpf = t2.cpf
```

## INNER JOIN

TABELA 1 (LEFT)

cpf	name
1	ALINE
2	SANDRO
3	CAIQUE
4	ROSA
5	PEDRO

TABELA 2 (RIGHT)

cpf	state
1	SP
3	RJ
4	MS
6	MT
7	GO



RESULTADO

cpf	name	state
1	ALINE	SP
3	CAIQUE	RJ
4	ROSA	MS

```
select t1.cpf, t1.name, t2.state
from temp_tables.tabela_1 as t1
inner join temp_tables.tabela_2 as t2
```

**on t1.cpf = t2.cpf**

## RIGHT JOIN

TABELA 1 (LEFT)

cpf	name
1	ALINE
2	SANDRO
3	CAIQUE
4	ROSA
5	PEDRO

TABELA 2 (RIGHT)

cpf	state
1	SP
3	RJ
4	MS
6	MT
7	GO



RESULTADO

cpf	name	state
1	ALINE	SP
3	CAIQUE	RJ
4	ROSA	MS
6	null	MT
7	null	GO

```
select t2.cpf, t1.name, t2.state
from temp_tables.tabela_1 as t1
right join temp_tables.tabela_2 as t2
on t1.cpf = t2.cpf
```

## FULL JOIN

TABELA 1 (LEFT)

cpf	name
1	ALINE
2	SANDRO
3	CAIQUE
4	ROSA
5	PEDRO

TABELA 2 (RIGHT)

cpf	state
1	SP
3	RJ
4	MS
6	MT
7	GO



RESULTADO

cpf	name	state
1	ALINE	SP
2	SANDRO	null
3	CAIQUE	RJ
4	ROSA	MS
5	PEDRO	null
6	null	MT
7	null	GO

```
select t1.cpf, t1.name, t2.state  
from temp_tables.tabela_1 as t1  
right join temp_tables.tabela_2 as t2  
  on t1.cpf = t2.cpf
```





