



**DAY 08/10**

# **BASICS** **SQL**

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# SQL **NOT** Operator

TABLE
actors

COLUMNS
actor_id
name
birth_year

## The **NOT** Operator

- The opposite result, sometimes known as the negative result, is obtained by combining the **NOT** operator with other operators.

Example :

- Select all actors whose names do not start with either 'J' or 'S'. The **NOT** operator negates the conditions inside the parentheses, so it selects actors whose names do not match the specified patterns.

sql

```
SELECT *  
FROM actors  
WHERE NOT (name LIKE 'J%' OR name LIKE 'S%');
```

## OUTPUT :

actor_id	name	birth_year
50	Yash	1986
52	Benedict Cumberbatch	1976
53	Elizabeth Olsen	1989
54	Chris Hemsworth	1983
55	Natalie Portman	1981
56	Tom Hiddleston	1981

## SYNTAX :

sql

```
SELECT column1, column2, ...  
FROM table_name  
WHERE NOT condition;
```

## NOT LIKE

### Example :

- Select all rows from the actors table where the name column does not start with 'A'.

sql

```
SELECT *  
FROM actors  
WHERE name NOT LIKE 'A%';
```

Output :

actor_id	name	birth_year
50	Yash	1986
51	Sanjay Dutt	1959
52	Benedict Cumberbatch	1976
53	Elizabeth Olsen	1989
54	Chris Hemsworth	1983

## NOT BETWEEN

Example :

- Select all rows from the actors table where the birth\_year column does not fall within the range from **1970** to **1980**, inclusive

sql

```
SELECT *  
FROM actors  
WHERE birth_year NOT BETWEEN 1970 AND 1980;
```

Output :

actor_id	name	birth_year
50	Yash	1986
51	Sanjay Dutt	1959
53	Elizabeth Olsen	1989
54	Chris Hemsworth	1983
55	Natalie Portman	1981
56	Tom Hiddleston	1981

## NOT IN

Example :

- Select all rows from the actors table where the name column does not match any of the specified names in the list.
- 'Yash', 'Chris Hemsworth', and 'Natalie Portman'

sql

```
SELECT *  
FROM actors  
WHERE name NOT IN ('Yash', 'Chris Hemsworth', 'Natalie Portman');
```

Output :

actor_id	name	birth_year
51	Sanjay Dutt	1959
52	Benedict Cumberbatch	1976
53	Elizabeth Olsen	1989
56	Tom Hiddleston	1981

## NOT Greater Than

Example :

- Select all rows from the actors table where the birth\_year column is not greater than **1980**.

sql

```
SELECT *  
FROM actors  
WHERE NOT (birth_year > 1980);
```

Output :

actor_id	name	birth_year
51	Sanjay Dutt	1959
52	Benedict Cumberbatch	1976
57	Amitabh Bachchan	1942
58	Jaya Bachchan	1948
59	Shah Rukh Khan	1965

## NOT Less Than

Example :

- Select all rows from the actors table where the birth\_year column is not less than **1980**.

```
sql

SELECT *
FROM actors
WHERE NOT (birth_year < 1980);
```

Output :

actor_id	name	birth_year
50	Yash	1986
53	Elizabeth Olsen	1989
54	Chris Hemsworth	1983
55	Natalie Portman	1981
56	Tom Hiddleston	1981