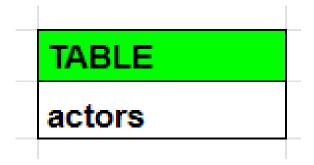
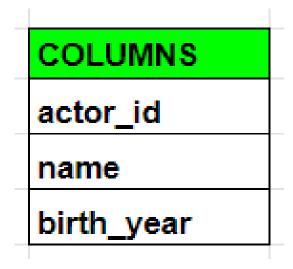
DAY 08/10

BASICS SQL

SHIVAM SHRIVAS

SQL NOT Operator





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.

```
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:

```
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'.

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

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

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

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

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

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);
```

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.

```
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