

Apply filters to SQL queries

Project description

Used the SQL filter operators known as AND, OR, and NOT to filter data.

Retrieve after hours failed login attempts

```
SELECT *  
->  
-> FROM log_in_attempts  
->  
-> WHERE login_time > '18:00' AND success = 0;
```

The above query finds failed login attempts after working hours which is 18:00.

Retrieve login attempts on specific dates

```
SELECT *  
->  
-> FROM log_in_attempts  
->  
-> WHERE login_date = '2022-05-09' OR login_date = '2022-05-08';
```

The above query finds failed login attempts after in specific dates.

Retrieve login attempts outside of Mexico

```
SELECT *  
->
```

```
-> FROM log_in_attempts  
->  
-> WHERE NOT country LIKE 'MEX%';
```

The above query finds login attempts made outside Mexico.

Retrieve employees in Marketing

```
SELECT * FROM employees WHERE department = 'marketing' AND office LIKE 'East%';
```

The above query finds failed employees working in marketing.

Retrieve employees in Finance or Sales

```
SELECT * FROM employees WHERE department = 'Finance' OR department = 'Sales';
```

The above query finds employees working in Finance or Sales.

Retrieve all employees not in IT

```
SELECT * FROM employees WHERE NOT department LIKE 'Information Technology';
```

The above query finds employees not working in IT. Like is used to find employees that are not in IT.

Summary

As a result the above SQL queries were used to filter data for specific departments, dates, failed login attempts and login attempts made in a particular country or outside one.

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