

# Apply filters to SQL queries

## Project description

Using SQL to query log files to find suspicious login attempts.

## Retrieve after hours failed login attempts

```
SELECT * WHERE login_time > "18:00" AND success = 0;
```

## Retrieve login attempts on specific dates

```
SELECT * WHERE login_date = "2022-05-09" OR login_date =  
"2022-05-09";
```

## Retrieve login attempts outside of Mexico

```
SELECT * WHERE NOT country LIKE "MEX%";
```

## Retrieve employees in Marketing

```
SELECT * WHERE department = "Marketing";
```

## Retrieve employees in Finance or Sales

```
SELECT * WHERE department = "Finances" OR department = "Sales";
```

## Retrieve all employees not in IT

```
SELECT * WHERE NOT department = "Information Technology";
```

## Summary

We used SQL queries to search through log files to investigate potential security issues.