Apply filters to SQL queries

Project description

In our attempts to try and make our system more secure our main priorities are to investigate potential security issues, and update employee computers. In order to carry out some security related tasks we will be using a language called SQL.

Retrieve after hours failed login attempts

With this code ill show how I use SQL query to filter failed login attempts

```
1   SELECT * FROM
2   log_in_attempts
3   WHERE login_time > '18:00'
4   AND success = FALSE;
```

Retrieve login attempts on specific dates

```
1   SELECT * FROM
2   log_in_attempts
3   WHERE login_time > '2025-05-09' OR login_date= '2025-05-05';
```

Retrieve login attempts outside of Mexico

```
1   SELECT * FROM
2   log_in_attempts
3   WHERE country != 'Mexico';
```

Retrieve employees in Marketing

```sql
1    SELECT * FROM
2    log_in_attempts
3    WHERE department = 'Marketing';
```

Retrieve employees in Finance or Sales

```sql
1    SELECT * FROM
2    log_in_attempts
3    WHERE department = 'Finance' OR department = 'Sales';
```

Retrieve all employees not in IT

```sql
1    SELECT * FROM
2    log_in_attempts
3    WHERE NOT department = 'Information Technology';
```

Summary

With my knowledge of SQL queries I used filters to get specific information on login attempts and from what department.