

Apply filters to SQL queries

Project description

This project requires filtering according to given conditions: after hours failed login attempts, login attempts on specific dates respectively outside Mexico, retrieving only the employees from Marketing, Finance and Sales and excluding IT department.

Retrieve after hours failed login attempts

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

Retrieve login attempts on specific dates

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

Retrieve login attempts outside of Mexico

```
SELECT * FROM log_in_attempts WHERE NOT country LIKE 'MEX%';
```

Retrieve employees in Marketing

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

Retrieve employees in Finance or Sales

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

Retrieve all employees not in IT

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

Summary

Through the project conditional filters were employed in order to filter data. This makes it easier for a Security Analyst to discover activities that are against policies (login attempts outside specified hours or locations). These represent a potential threat to the organization.