# Apply filters to SQL queries

## Project description

This project focuses on retrieving specific employee and login attempt records using SQL queries. The goal is to filter and extract relevant data based on various conditions such as department, login time, location.

## Retrieve after hours failed login attempts

SELECT \*

FROM log\_in\_attempts

WHERE login\_time > '18:00' AND success = 0;

## Retrieve login attempts on specific dates

SELECT \*

FROM log\_in\_attempts

WHERE login\_date = '2022-05-09' OR login\_date = '2022-05-08';

## 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

This project demonstrates SQL querying techniques to filter employee and login records based on specific conditions. It includes the use of:

* Comparison operators (>, <, =, !=, <>, >=, <=)
* Logical operators (AND, OR, NOT)
* Pattern Matching(LIKE)
* Date and time filtering

These queries can help with security audits, employee tracking, and data analysis for business operations.