# Apply filters to SQL queries

## Project description

SQL queries to generate results for common business-operations questions.

## Retrieve after hours failed login attempts

How many failed login attempts occurred after hours?:

SELECT \*

FROM log\_in\_attempts

WHERE login\_time > ‘18:00:00’ AND login\_success = False;

How many failed login attempts occurred during work hours (9AM - 5PM)?:

SELECT \*

FROM log\_in\_attempts

WHERE log\_in\_date BETWEEN ‘09:00:00’ AND ‘17:00:00’

AND login\_success = False ;

## Retrieve login attempts on specific dates

Who worked on New Year’s Day (Observed)?:

SELECT \*

FROM log\_in\_attempts

WHERE login\_date = ‘2023-01-02’;

## Retrieve login attempts outside of Mexico

How many login attempts were conducted outside of Mexico?

SELECT \*

FROM log\_in\_attempts

WHERE NOT country LIKE ‘Mex%;

## Retrieve employees in Marketing

SELECT \*

FROM employees

WHERE department = ‘Marketing’;

## 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

A quick reference for common SQL queries related to business operations.