

Apply filters to SQL queries

Project description

The following are examples of SQL queries and descriptions of what they were aiming to retrieve.

Retrieve after hours failed login attempts

The query **SELECT * FROM log_in_attempts WHERE login_time > '18:00' AND success = FALSE** was used to find all unsuccessful login attempts from the **log_in_attempts** database that took place after work hours.

Retrieve login attempts on specific dates

The query **SELECT * FROM log_in_attempts WHERE login_date = '2022-05-09' OR login_date = '2022-05-08'**; was used to find all login attempts from the **log_in_attempts** database that took place on May 9th or May 8th in 2022.

Retrieve login attempts outside of Mexico

The query **SELECT * FROM log_in_attempts WHERE NOT country LIKE 'MEX%'**; was used to find all login attempts from the **log_in_attempts** database that did not originate from Mexico (shown in the database as **MEX** or **MEXICO**).

Retrieve employees in Marketing

The query **SELECT * FROM employees WHERE department = 'Marketing' AND office LIKE 'East%'**; was used to find all employees from the **employees** database that were in the marketing department and had an office in the east wing.

Retrieve employees in Finance or Sales

The query **SELECT * FROM employees WHERE department = 'Finance' OR department = 'Sales'**; was used to find all employees in the **employees** database that were in the finance department or the sales department.

Retrieve all employees not in IT

The query **SELECT * FROM employees WHERE NOT department = 'Information Technology'**; was used to find all employees in the **employees** database that were not in the IT department.