

### Question 1

What is filtering in SQL? 1 / 1 point

Selecting data that match a certain condition

Removing invalid records

Removing unnecessary data from the database

Changing a table to match a condition

Correct

Filtering in SQL is selecting data that match a certain condition. Analysts use filters in SQL to return the data they need.

### Question 2

You are working with the Chinook database and want to return the firstname, lastname, and phone of all employees. Replace --??? with the missing information to complete the query. (If you want to undo your changes to the query, you can click the Reset button.)

```
SELECT *  
FROM employees;
```

What is Andrew Adams' phone number? 1 / 1 point

+1 (403) 467-3351

+1 (780) 836-9987

+1 (780) 428-9482

+1 (403) 262-3443

Correct

Andrew Adams' phone number is +1 (780) 428-9482. By replacing --??? with SELECT firstname, lastname, phone, you can complete the query and return this result.

### Question 3

A security analyst wants to filter the log\_in\_attempts table for records where the value in the country column is 'Canada'. What is a valid query for this? 1 / 1 point

```
SELECT WHERE country = 'Canada'  
FROM log_in_attempts;  
WHERE country = 'Canada'
```

```
SELECT *  
FROM log_in_attempts;
```

```
SELECT *  
FROM log_in_attempts  
WHERE country = Canada;
```

```
SELECT *  
FROM log_in_attempts  
WHERE country = 'Canada';
```

Correct

The security analyst can use the following query to filter the log\_in\_attempts table for records where the value in the country column is 'Canada':

```
SELECT *  
FROM log_in_attempts  
WHERE country = 'Canada';
```

#### Question 4

Which pattern matches with any string that starts with the character 'A'? 1 / 1 point

'%A'

'A%'

'%A%'

'A'

Correct

The percentage sign (%) is a wildcard that substitutes for any number of other characters. The pattern 'A%' matches with any string that starts with the character 'A'.