

2.3 Labs | SQL Queries 5 + 6

Completed Date	@Oct 28, 2020
■ Description	Continuing the LAB fun :) it was actually fun indeed.
Module	Unit 2
Status	Complete
<u></u> Туре	Lab

Labs 5

Instructions

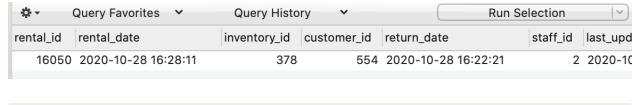
 \rightarrow Drop column picture from staff.

```
alter table staff
drop column picture;
select * from staff
```

→ A new person is hired to help Jon. Her name is TAMMY SANDERS, and she is a customer. Update the database accordingly.

```
insert into staff
values (3, 'Tammy', 'Sanders', 79, 'TAMMY.SANDERS@sakilacustomer.org', 2, 1, 'Tammy',
NULL, '2006-02-15 04:57:20');
```

→ Add rental for movie "Academy Dinosaur" by Charlotte Hunter from Mike Hillyer at Store 1 today.



```
insert into rental
values (16050,'2020-10-28 16:22:21', 378, 554,'2020-10-28 16:22:21',2, '2020-10-28 16:22:21');
```

→ Delete non-active users, but first, create a backup table deleted_users to store customer_id, email, and the date the user was deleted.

Labs 6

In this activity we are going to do some database maintenance. In the current database we only have information on movies for the year 2006. Now we have received the film catalog for 2020 as well. For this new data we will create another table and bulk insert all the data there. Code to create a new table has been provided below.

```
drop table if exists films_2020;
CREATE TABLE `films_2020` ( `film_id` smallint(5) unsigned NOT NULL AUTO_INCREMENT, `
title` varchar(255) NOT NULL, `description` text, `release_year` year(4) DEFAULT NUL
L, `language_id` tinyint(3) unsigned NOT NULL, `original_language_id` tinyint(3) unsi
gned DEFAULT NULL, `rental_duration` int(6), `rental_rate` decimal(4,2), `length` sma
llint(5) unsigned DEFAULT NULL, `replacement_cost` decimal(5,2) DEFAULT NULL, `rating
`enum('G','PG','PG-13','R','NC-17') DEFAULT NULL, PRIMARY KEY (`film_id`), CONSTRAIN
T FOREIGN KEY (`original_language_id`) REFERENCES `language` (`language_id`) ON DELET
E RESTRICT ON UPDATE CASCADE
) ENGINE=InnoDB AUTO_INCREMENT=1003 DEFAULT CHARSET=utf8;
```

We have just one item for each film, and all will be placed in the new table. For 2020, the rental duration will be 3 days, with an offer price of 2.99€ and a replacement cost of 8.99€ (these are all fixed values for all movies for this year). The catalog is in a CSV file named **films_2020.csv** that can be found at files_for_lab folder.

Instructions

· Add the new films to the database.

```
load data local infile '/Users/riyavasileva/Ironhack/films_2020.csv' into table films_2020 fields terminated by ',';
```

• Update information on rental_duration, rental_rate, and replacement_cost.

Hint

 You might have to use the following commands to set bulk import option to on:

```
show variables like 'local_infile';
set global local_infile = 1;
```

• If bulk import gives an unexpected error, you can also use the data_import_wizard to insert data into the new table.