Hands-On Lab: Load data into the Datasette from a CSV file

Lab Overview:

Now, that you have learned about the process of importing data into a data repository from varied sources, you will load data from a CSV file into the Datasette.

Estimated time needed: 15 minutes

Dataset used in this exercise:

The dataset used in this exercise comes from the following source: https://www.kaggle.com/antfarol/car-sale-advertisements under a CC0: Public Domain license.

> We are using a modified subset of that dataset for this lab. To follow the lab instructions successfully, please use the dataset provided with this exercise rather than the dataset from the original source.

Download the dataset

https://cf-courses-data.s3.us.cloud-object-storage.appdomain.cloud/IBM-DB0100EN-SkillsNetwork/labs/exercise03_car_sales_data.csv is the csv file used in this lab.
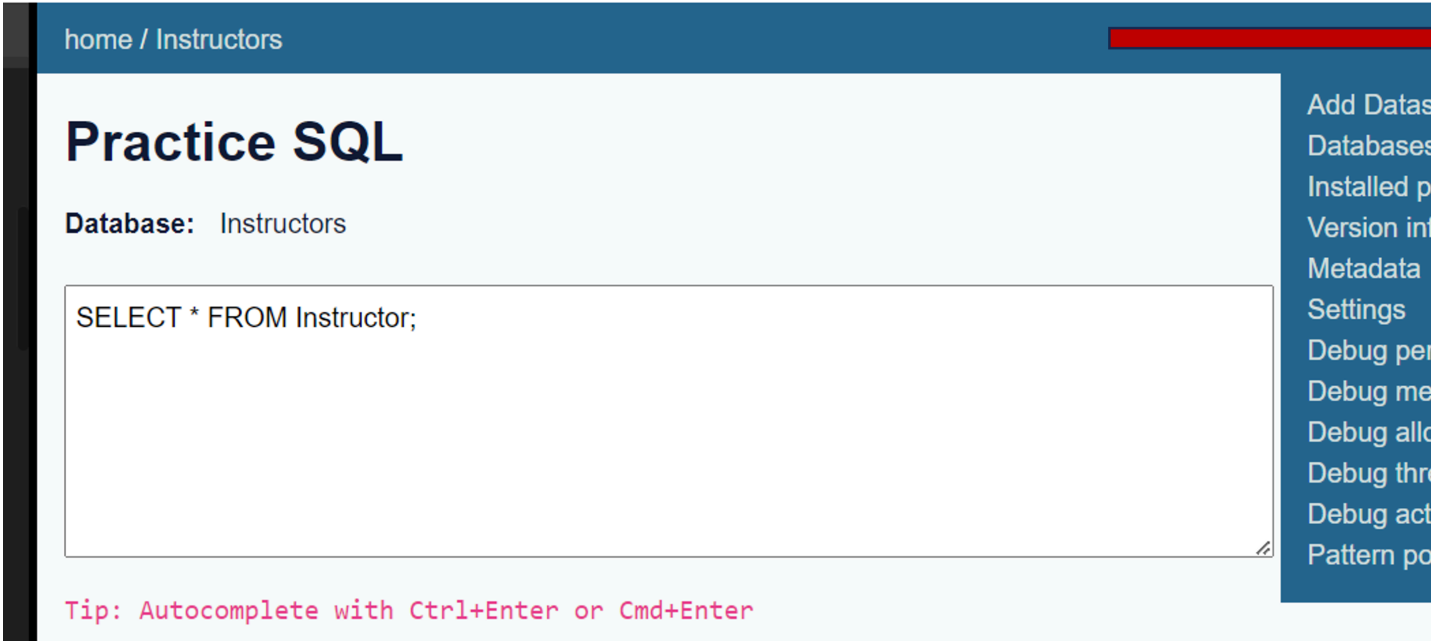
Objectives

After completing this lab, you will be able to:

- Create and Load data into a table from a CSV file.

Exercise 1: Create a table by loading a CSV file using Datasette

In this exercise, you will learn how to load a CSV file and create a table using the Datasette tool.

1. After launching the Datasette tool through the **Launch App** button, click on the three vertical lines located in the upper right corner to open the menu for adding datasets.

2. Next click the **Add DataSets** option to add the dataset.

3. You will be redirected to a page where you need to enter the full URL of the CSV dataset in the text box.

- Right-click on the link

exercise03_car_sales_data.csv and copy the link address.

- Enter the copied URL in the text box and click on the create button.


```
A **select** query related to the table will appear on the **text area** section of the following webpage.
Click on the **Submit Query** button to view the results.
<img src="./images/Data_img3.png" width="1200"/>
```

5. Next, modify the **select** query as follows:

```
SELECT COUNT(*) FROM exercise03_car_sales_data;
```

6. Once the query executes successfully, it displays the counts.

Congratulations! You have successfully created and loaded the table in Datasette.

Author(s)

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