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. Once the Datasette tool launches using the Open tool option, click on the **Add DataSets** option at the right-end corner.

2. 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.

3. The exercise03_car_sales_data table will be created with the data loaded from the CSV file.

   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.

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

```
1. 1
1. SELECT COUNT(*) FROM exercise03_car_sales_data;
```
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5. 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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Changelog

Date	Version	Changed by	Change Description
2022-05-28	1.0	Geetika	Converted initial version