



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.

A screenshot of the Datasette application interface. At the top, there's a dark header bar with the text "home / Instructors". Below this is a main content area with a teal header "Practice SQL". Underneath, it says "Database: Instructors". A large text input box contains the SQL query "SELECT * FROM Instructor;". To the right of this input box is a vertical sidebar with several options: "Add Data", "Databases", "Installed p...", "Version info", "Metadata", "Settings", "Debug per...", "Debug me...", "Debug allo...", "Debug thro...", "Debug act...", and "Pattern po...". At the bottom of the main content area, there's a pink tip message: "Tip: Autocomplete with Ctrl+Enter or Cmd+Enter".

home / Instructors

Practice SQL

Database: Instructors

```
SELECT * FROM Instructor;
```

Tip: Autocomplete with Ctrl+Enter or Cmd+Enter

Add Data
Databases
Installed p...
Version info
Metadata
Settings
Debug per...
Debug me...
Debug allo...
Debug thro...
Debug act...
Pattern po...

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

Practice SQL

Database: Instructors

```
SELECT * FROM Instructor;
```

Tip: Autocomplete with Ctrl+Enter or Cmd+Enter

Add Data
Databases
Installed p
Version in
Metadata
Settings
Debug pe
Debug me
Debug allo
Debug thr
Debug act
Pattern po

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

- o 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.

home

Add a Dataset

To add a dataset into your lab, insert the link to the full URL to the CSV dataset below.

Full URL to Dataset:

https://cf-courses-data.s3.us.cloud-object-storage.appdomain.cloud/IBM-DB0100EN-SkillsNetwork/labs/exercise03_car_sales_data.csv

Create

Powered by Datasette

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.

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)

- [Geetika Pal](#)

Copyright (c) 2022 IBM Corporation. All rights reserved.