



## 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](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 tool interface. The top navigation bar is blue with the text "home / Instructors". The main content area has a light blue background with the heading "Practice SQL" in large, bold, dark blue letters. Below the heading, it says "Database: Instructors". There is a large text input area containing the SQL query "SELECT \* FROM Instructor;". To the right of the main content area is a vertical sidebar with a blue background and white text, listing various options: "Add Datas", "Databases", "Installed p", "Version in", "Metadata", "Settings", "Debug pe", "Debug me", "Debug allo", "Debug thr", "Debug act", and "Pattern po". At the bottom of the main content area, there is a pink tip that reads "Tip: Autocomplete with Ctrl+Enter or Cmd+Enter".

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

home / Instructors

# Practice SQL

Database: Instructors

```
SELECT * FROM Instructor;
```

Tip: Autocomplete with Ctrl+Enter or Cmd+Enter

Add Datas...  
Databases...  
Installed p...  
Version in...  
Metadata...  
Settings...  
Debug pe...  
Debug me...  
Debug allo...  
Debug thr...  
Debug ac...  
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.

- 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:

Create

Powered by [Datasette](#)

- 1.
- 2.
- 3.
- 4.
- 5.

1. A **select** query related to the table will appear on the **text area** section of the following webpage.
- 2.
3. Click on the **Submit Query** button to view the results.
- 4.
5. ``

Copied!

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

- 1.
1. `SELECT COUNT(*) FROM exercise03_car_sales_data;`

Copied!

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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**Changelog**

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

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