# CSV to DataFrame (2) in Python using Pandas - Explanation and Solution

## Problem Statement

You are provided with a CSV file named 'cars.csv', and the data has already been loaded into a DataFrame. However, the first column (intended as row labels) was not set correctly as the index. The tasks are: 1) Modify the pd.read\_csv() function call to include the index\_col argument. 2) Set index\_col=0 so that the first column is used as the row labels. 3) Print the updated cars DataFrame to ensure the row labels are set correctly.

## Instructions

- Import pandas as pd.

- Use the pd.read\_csv() function with the index\_col argument set to 0 to load the data from 'cars.csv' into a DataFrame named cars.

- Print the updated cars DataFrame.

## Solution

Here's how to fix the row labels and print the updated DataFrame:

import pandas as pd  
  
# Fix import by including index\_col  
cars = pd.read\_csv('cars.csv', index\_col=0)  
  
# Print the updated DataFrame  
print(cars)

## Explanation

1. The pd.read\_csv() function is used to load data from a CSV file into a DataFrame. By default, it assigns integers (0, 1, 2, etc.) as row labels (index).

2. To use the first column as row labels, we include the argument index\_col=0 in the pd.read\_csv() function. This tells pandas to use the first column of the CSV file as the DataFrame index.

3. Finally, we print the cars DataFrame to verify that the row labels are now set correctly.