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Read .CSV file in Google Colab in 3 steps!



Sourabh Singh · Follow

2 min read · Oct 19, 2022



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Step 1: Mounting Google Drive in Colab Notebook

By default, the files panel looks like this —



Before importing Google Drive

Run the following code to import G Drive :

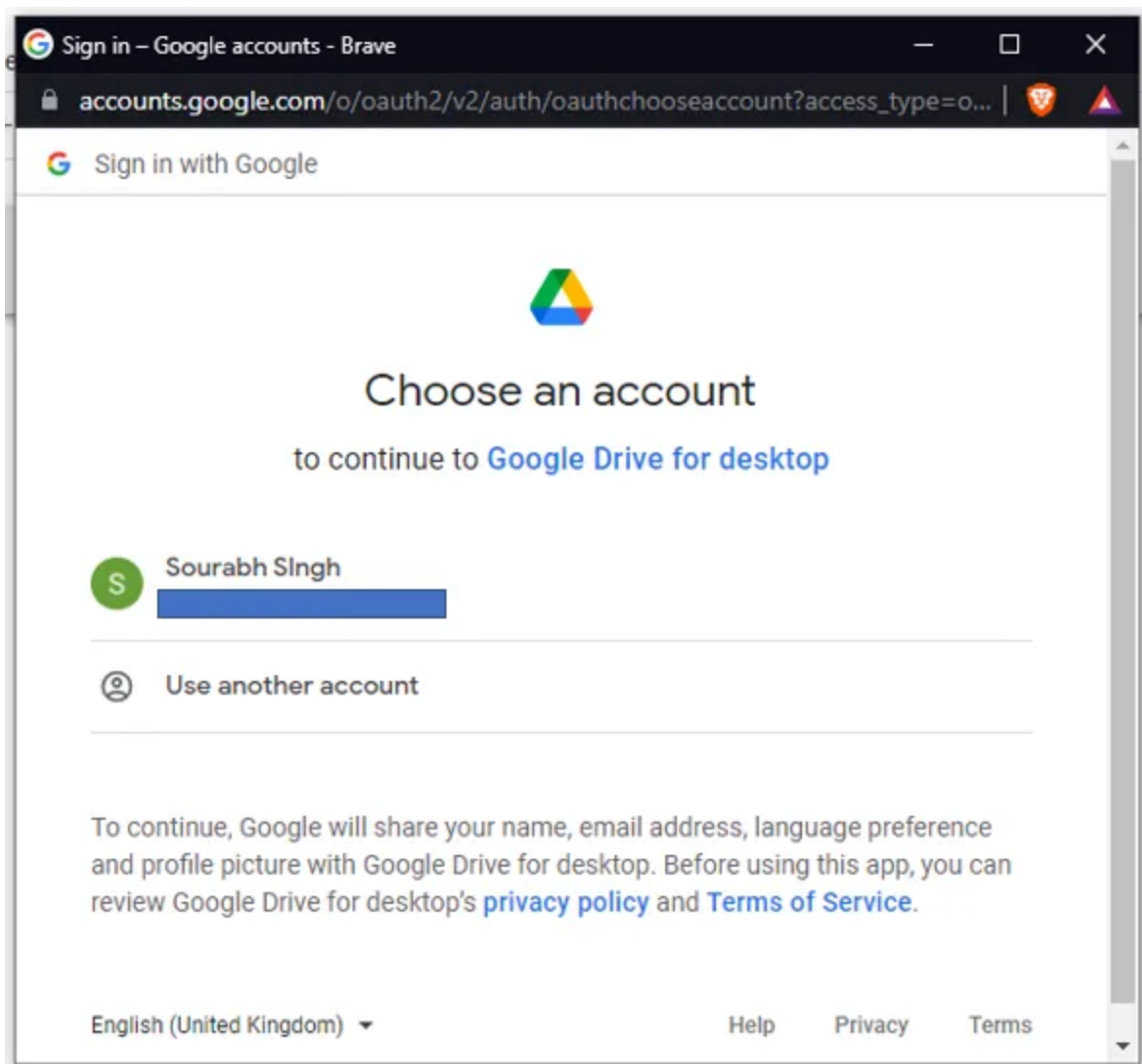
```
from google.colab import drive
drive.mount('/content/drive')
```

Grant Google permission to access your files in G Drive

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Permit this notebook to access your Google Drive files?

This notebook is requesting access to your Google Drive files. Granting access to Google Drive will permit code executed in the notebook to modify files in your Google Drive. Make sure to review notebook code prior to allowing this access.

[No thanks](#)[Connect to Google Drive](#)

Make sure that you trust Google Drive for desktop.

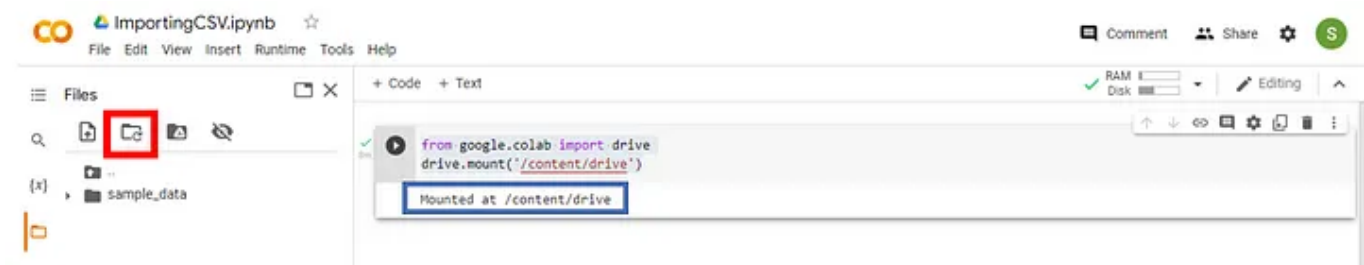
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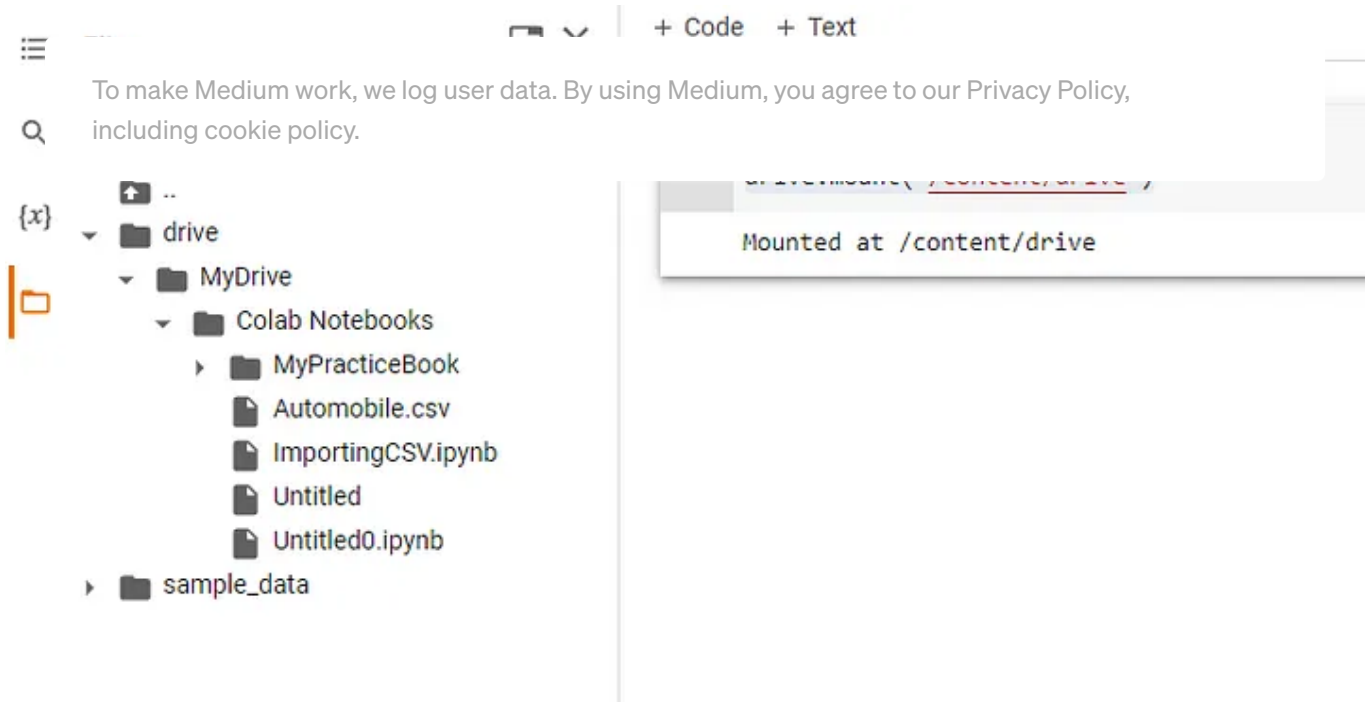
See Google Drive for desktop's [privacy policy](#) and [Terms of Service](#).



After pressing 'Allow', G Drive will be mounted. Click on the files refresh icon (red rectangle) to view the G Drive folders and files.



Now, files stored in G drive will be available for use.



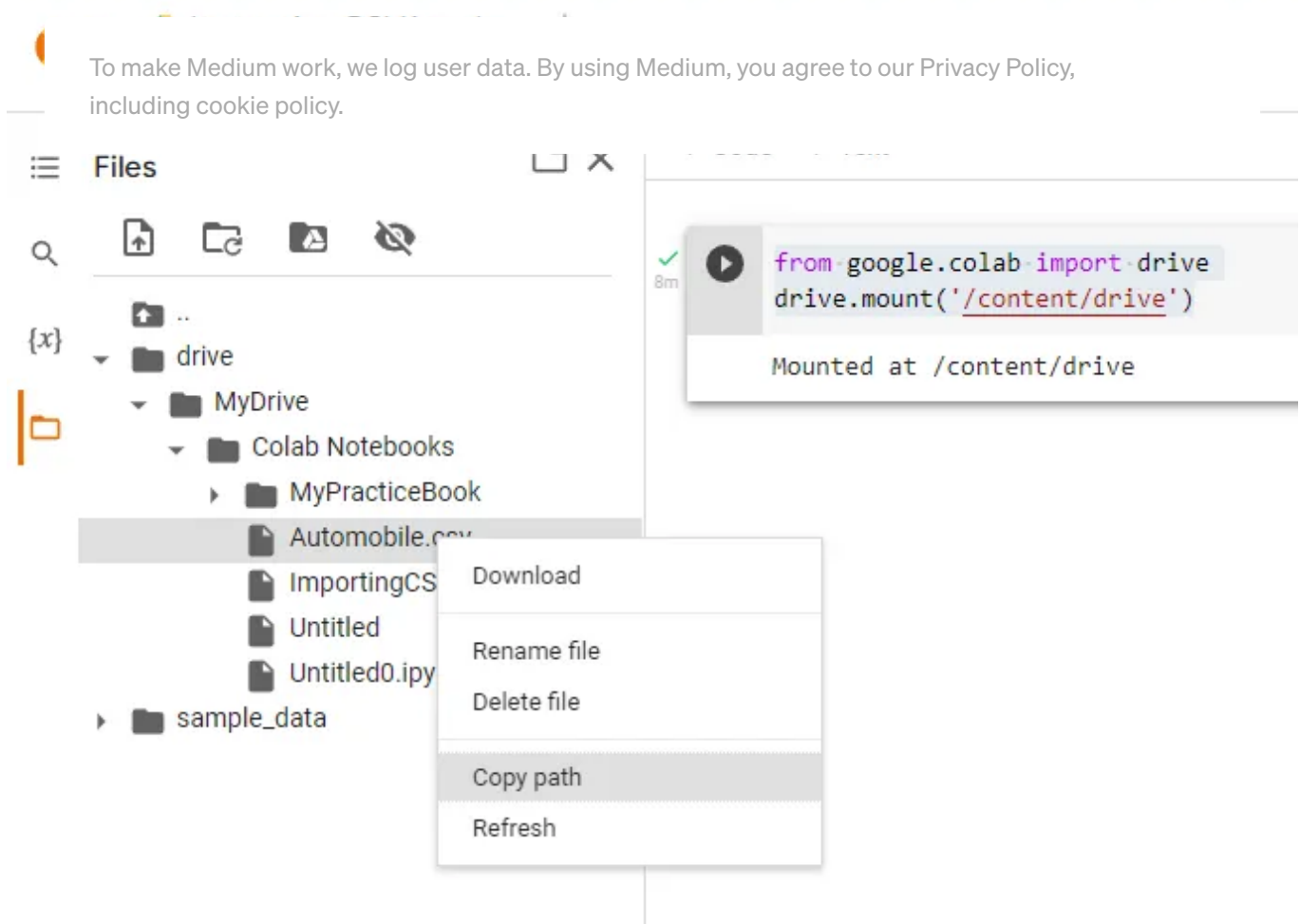
After importing Google Drive

Google Drive has been mounted in Colab Notebook.

Step 2: Obtain the path of the file in Google Drive

Consider the file 'Automobile.csv', which needs to be read.

Get the file's location by right-clicking on the file and save it in a string variable, say 'path'.



```
path = '/content/drive/MyDrive/Colab Notebooks/Automobile.csv'
```

Step 3: Import pandas and read the file

Import the 'pandas' library and create a DataFrame, say 'data' by passing the path into the '.read_csv()' function.

```
import pandas as pd
data = pd.read_csv(path)
data
```

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data

	symboling	normalized_losses	make	fuel_type	aspiration	number_of_doors	body_style	drive_wheels
0	3	168	alfa-romero	gas	std	two	convertible	rwd
1	3	168	alfa-romero	gas	std	two	convertible	rwd
2	1	168	alfa-romero	gas	std	two	hatchback	rwd
3	2	164	audi	gas	std	four	sedan	fwd
4	2	164	audi	gas	std	four	sedan	4wd

Now, the file has been loaded successfully.

Thanks for reading!

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Pandas Tutorial

Google Colab

Csv File



Written by Sourabh Singh

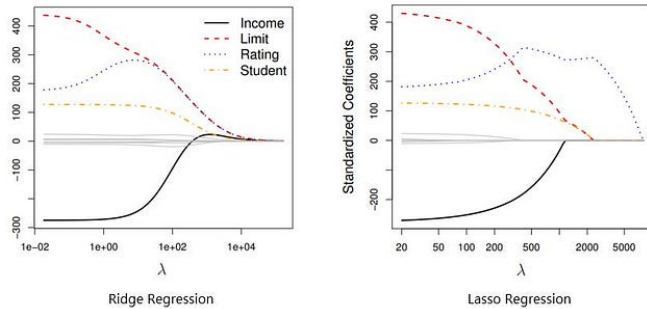
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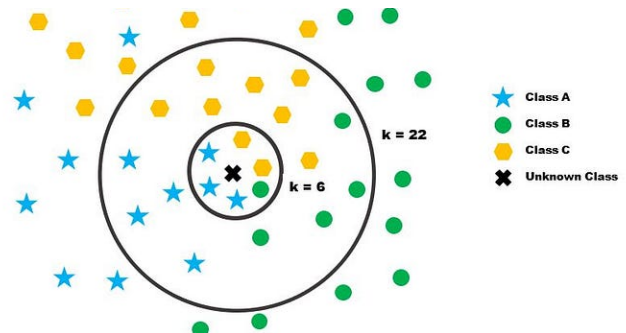


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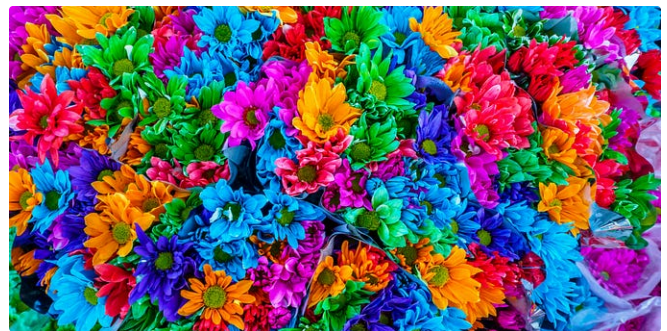
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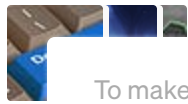
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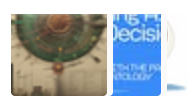
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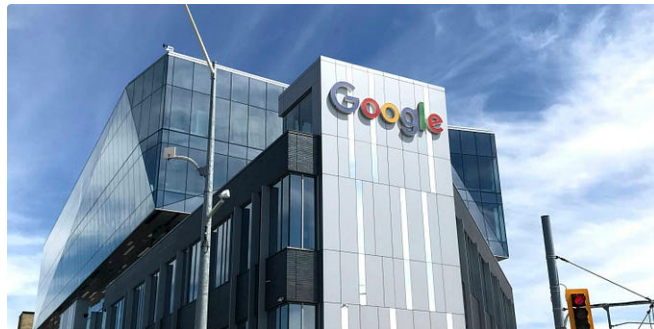
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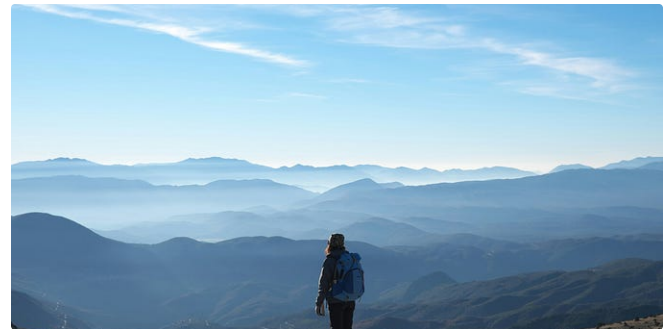
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