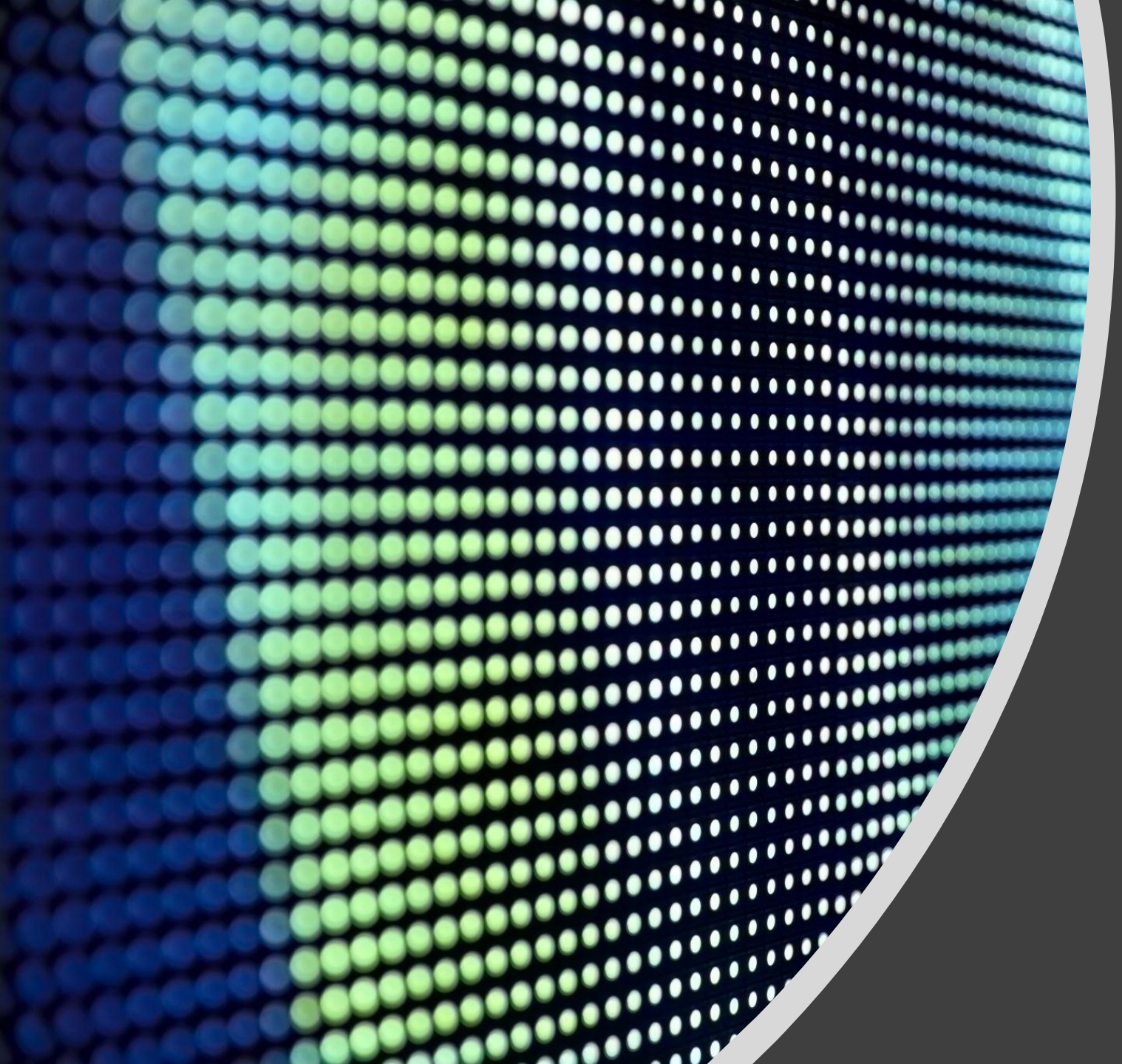


How to use dataset in OpenDOSM

Using python programming

Requirements

Internet access

Gmail account (login to GMAIL account)

URL data sources from OpenDOSM

Step by steps

Notebook setup

1. Login to your Gmail Account
2. Open new tab and go to https://github.com/booluckgmie/training/tree/main/python/OpenDOSM/opendosm.ipynb
3. Add “tocolab” https://githubtocolab.com/booluckgmie/training/tree/main/python/OpenDOSM/opendosm.ipynb
4. Ready to analyse using python

OR create **New Notebook**

Using Google Colab for Python

Google Colab Setup

1. Visit the Google Colab page, which will direct you to the Google Colaboratory Welcome Page.

http://colab.research.google.com/

2. Click the **Sign in** button on the right top.

Analysis

LOAD DATA FROM OPENDOSM

EXPLORE DATASET

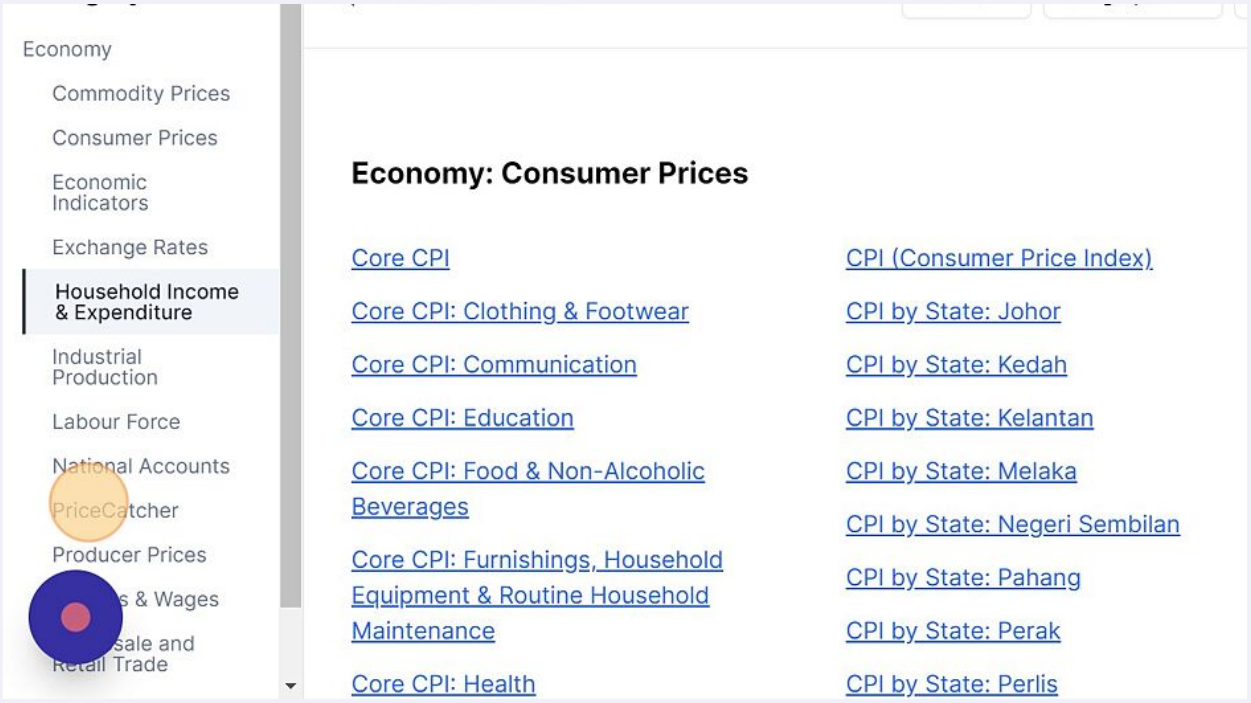
SAVE TO .CSV

Retrieving PriceCatcher Data with Python

Start

1 Navigate to open.dosm.gov.my/data-catalogue

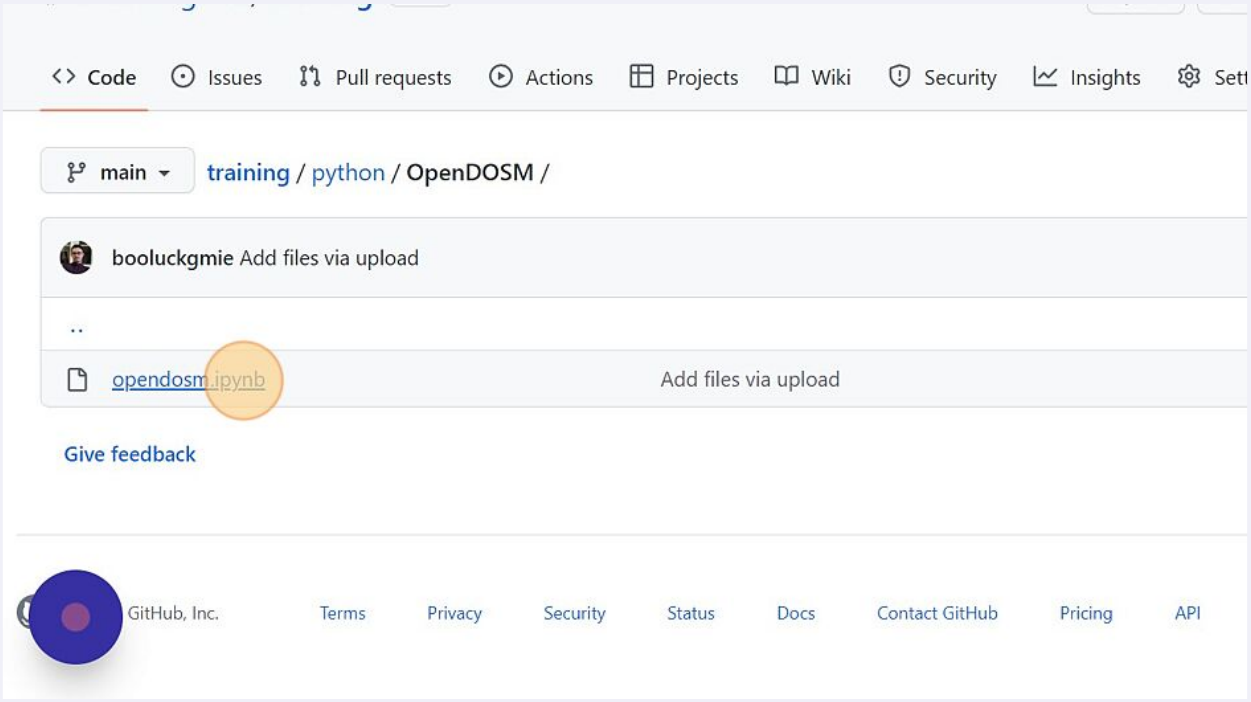
2 Click "PriceCatcher"



3 Click "PriceCatcher: 2023/02"

4 Switch to tab "https://github.com/booluckgmie/training/tree/main/python/OpenDOSM"

5 Click "opendosm.ipynb"

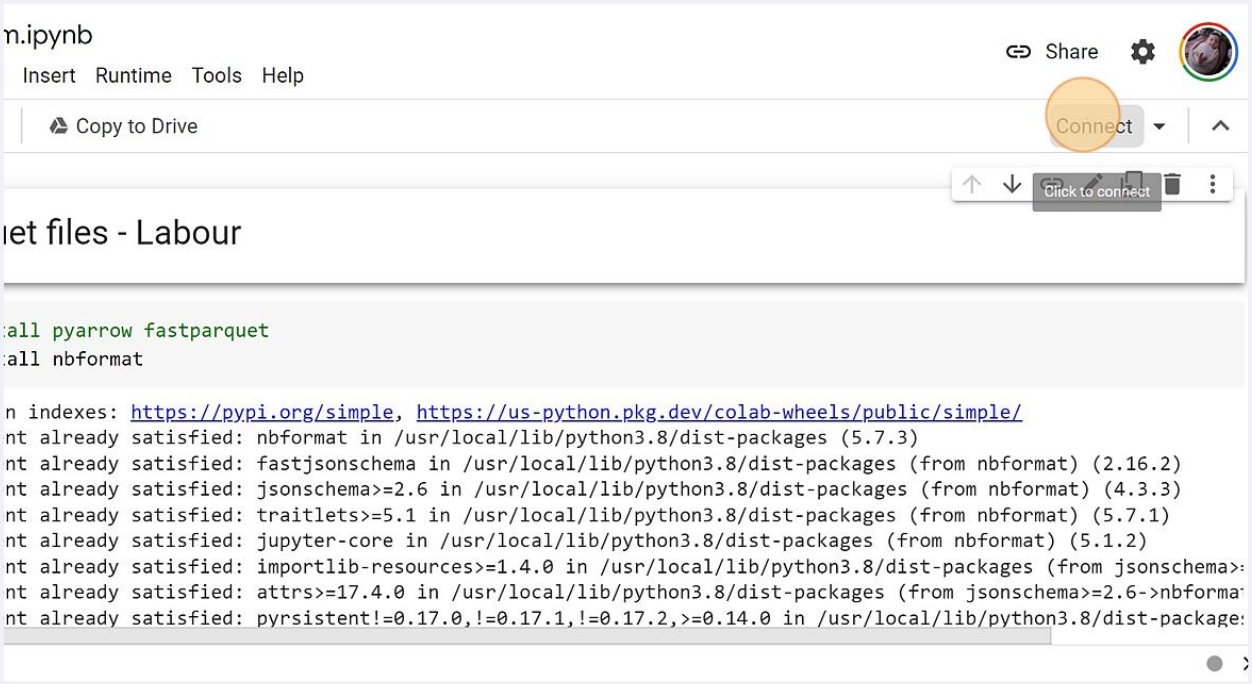


6 Add "tocolab" and Navigate to githubtocolab.com/booluckgmie/training/blob/mai...

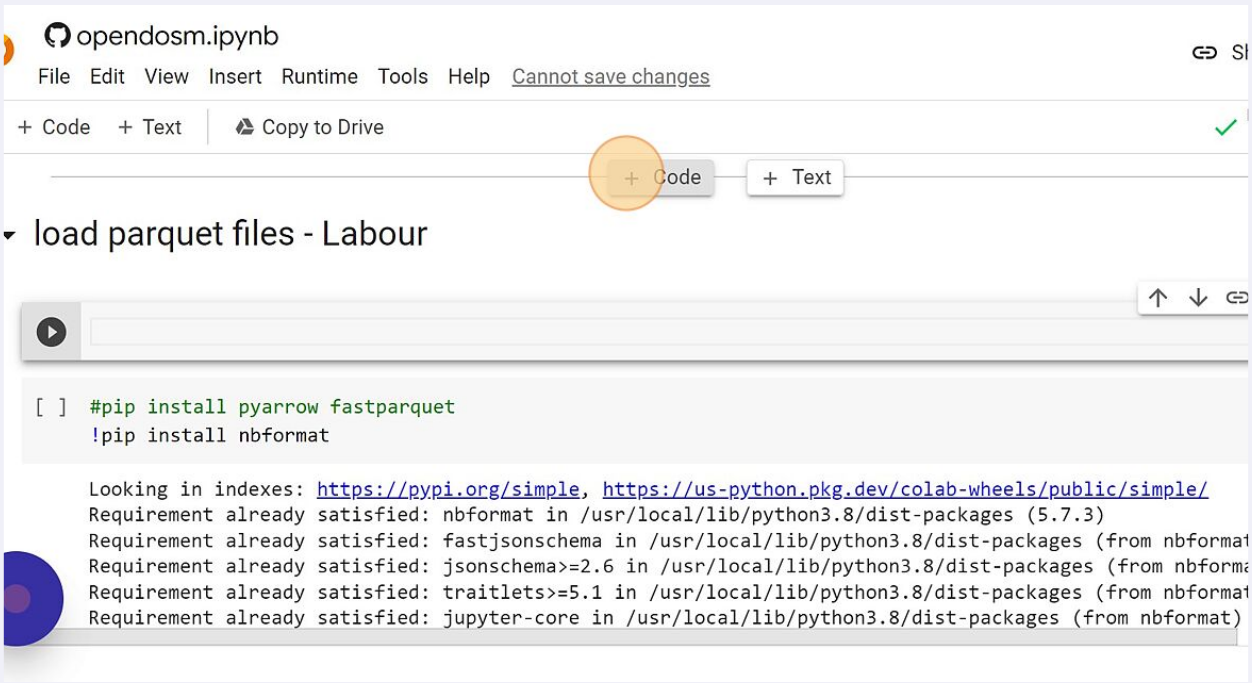
Tip!
Alternatively, login to colab.research.google.com using your Gmail account to access the colab notebook and create new notebook.

Google Colab Environment

7 Click here.

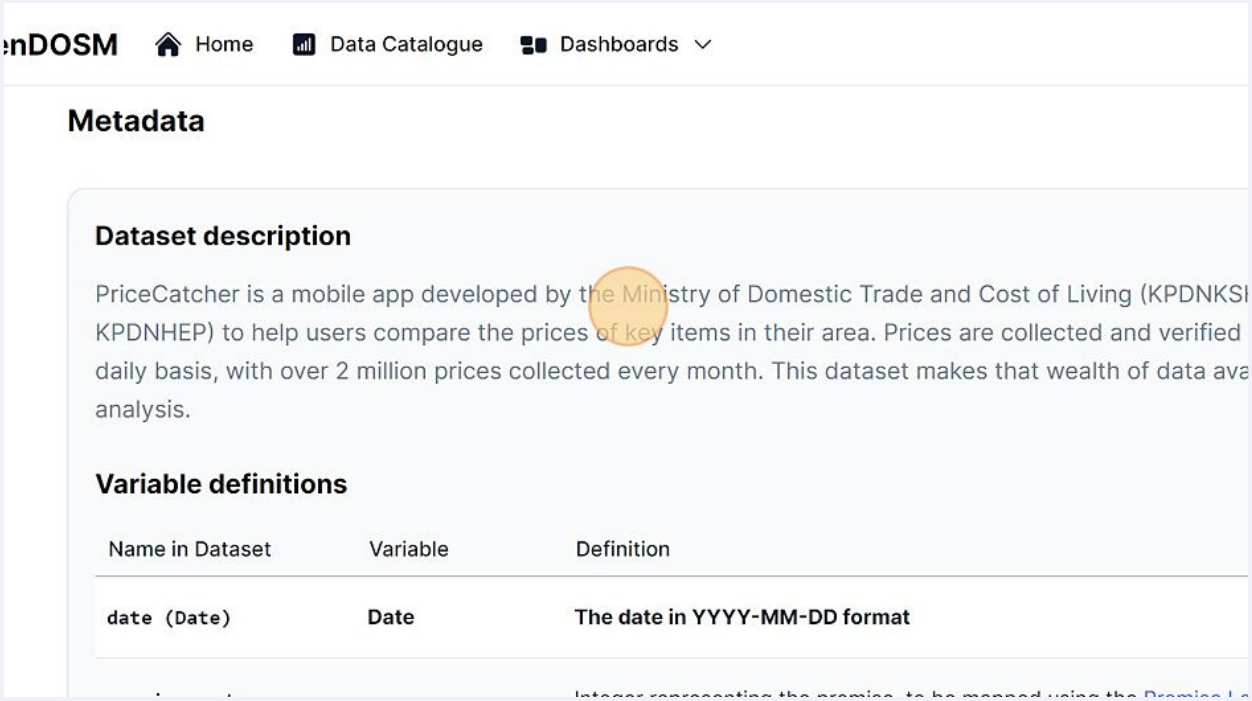


8 Click "Code"



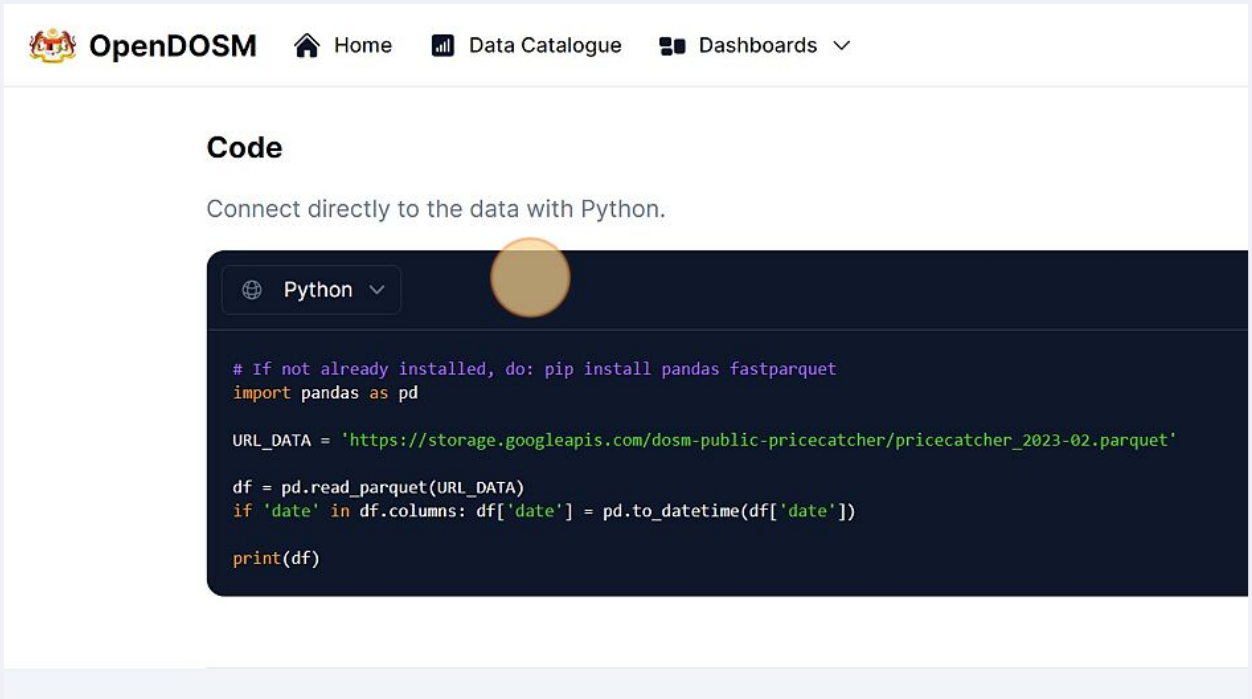
9 Swith previous Tab to [open.dosm.gov.my/data-catalogue/dosm-public-pri...]

10 Metadata for dataset

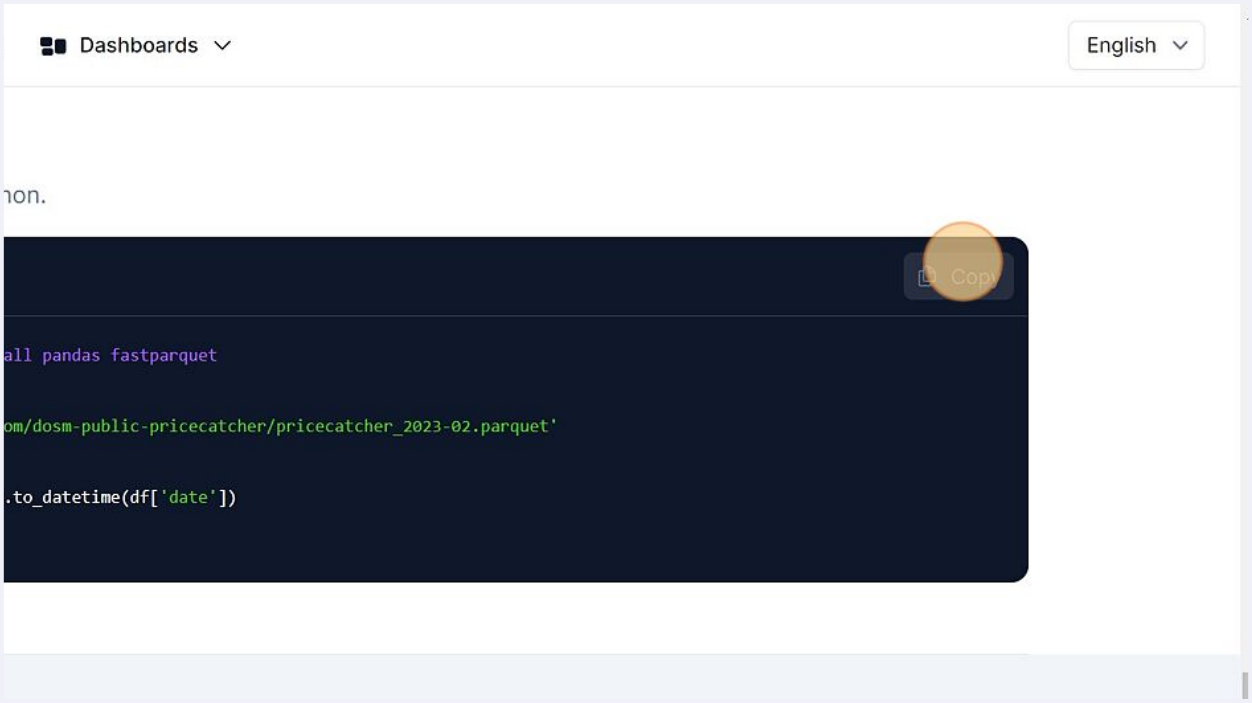


11 Ready API URL for dataset

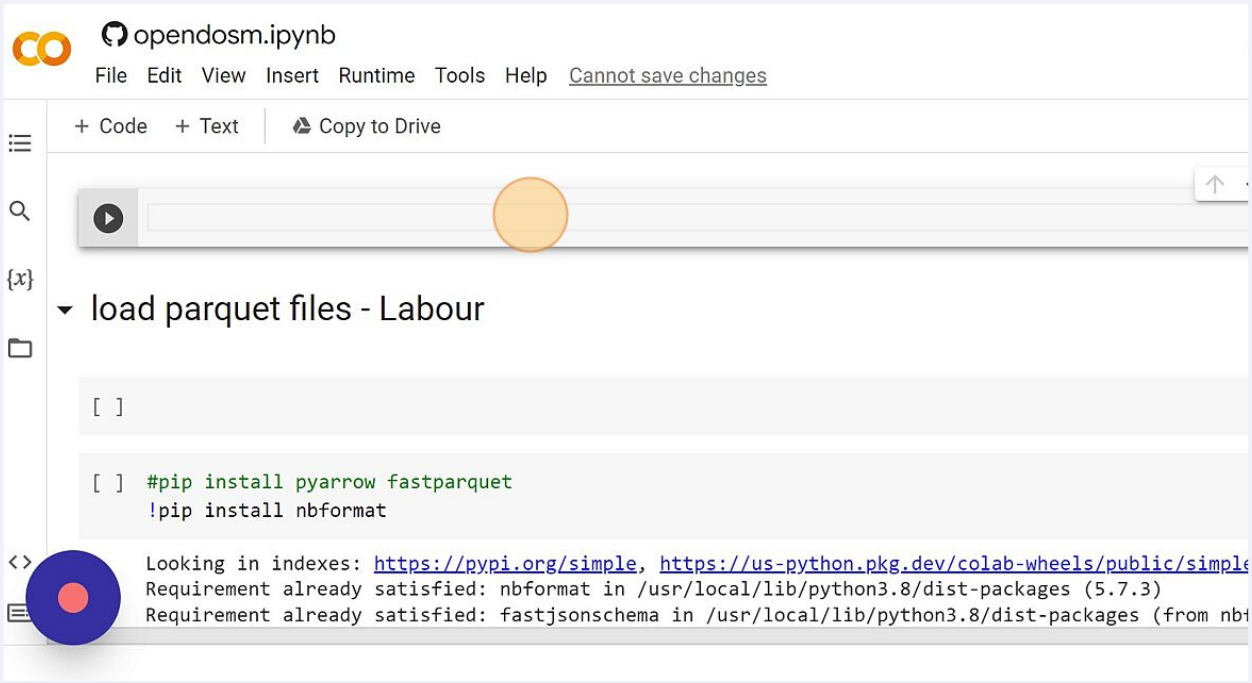
12 Ready python code to display the data in IDE



13 Click "Copy"

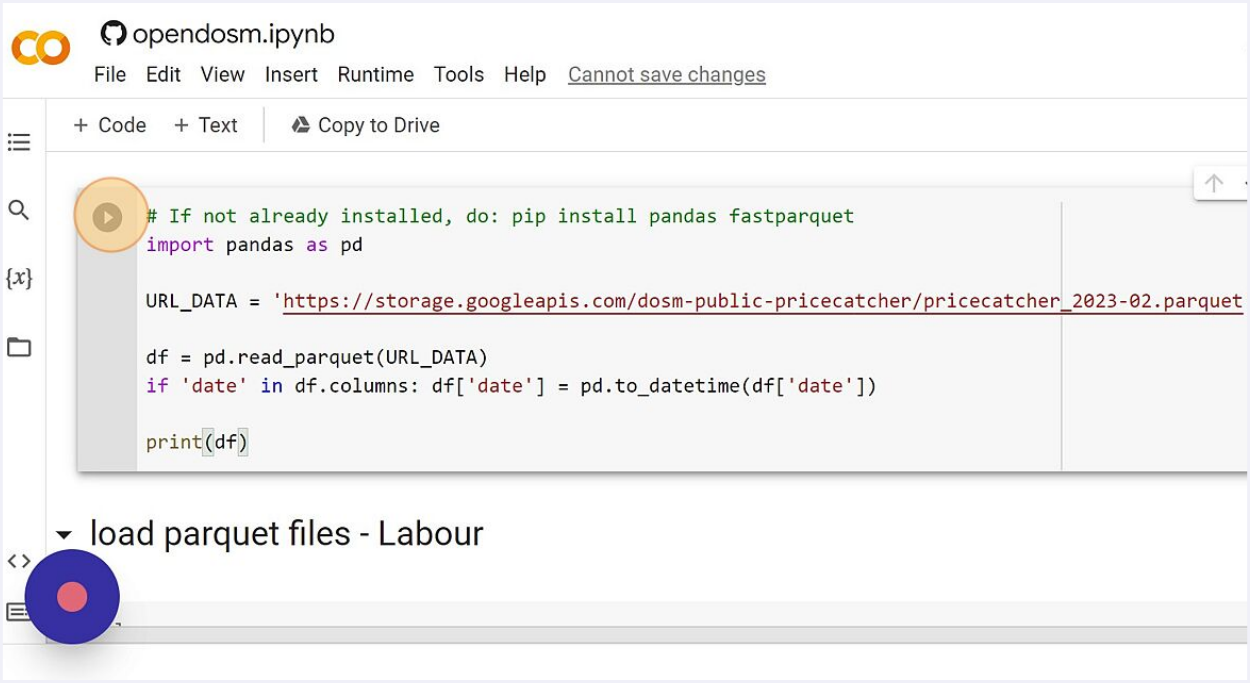


14 Insert new blank code.

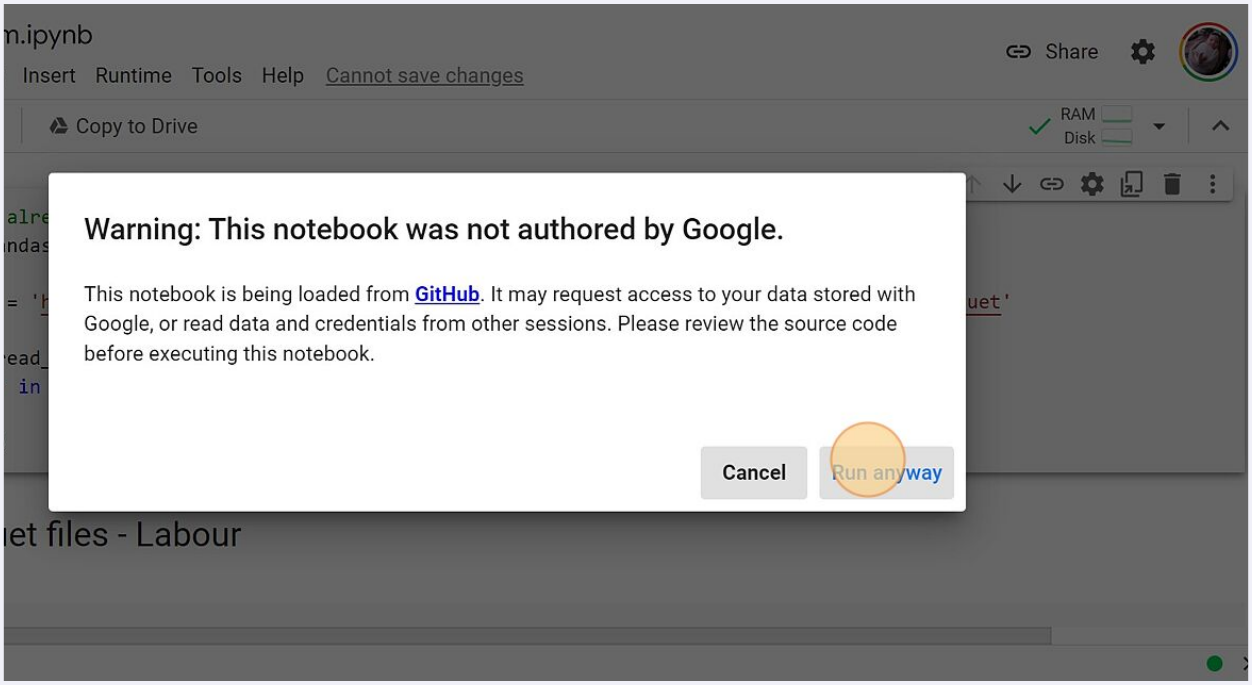


15 Press [[ctrl]] + [[v]]

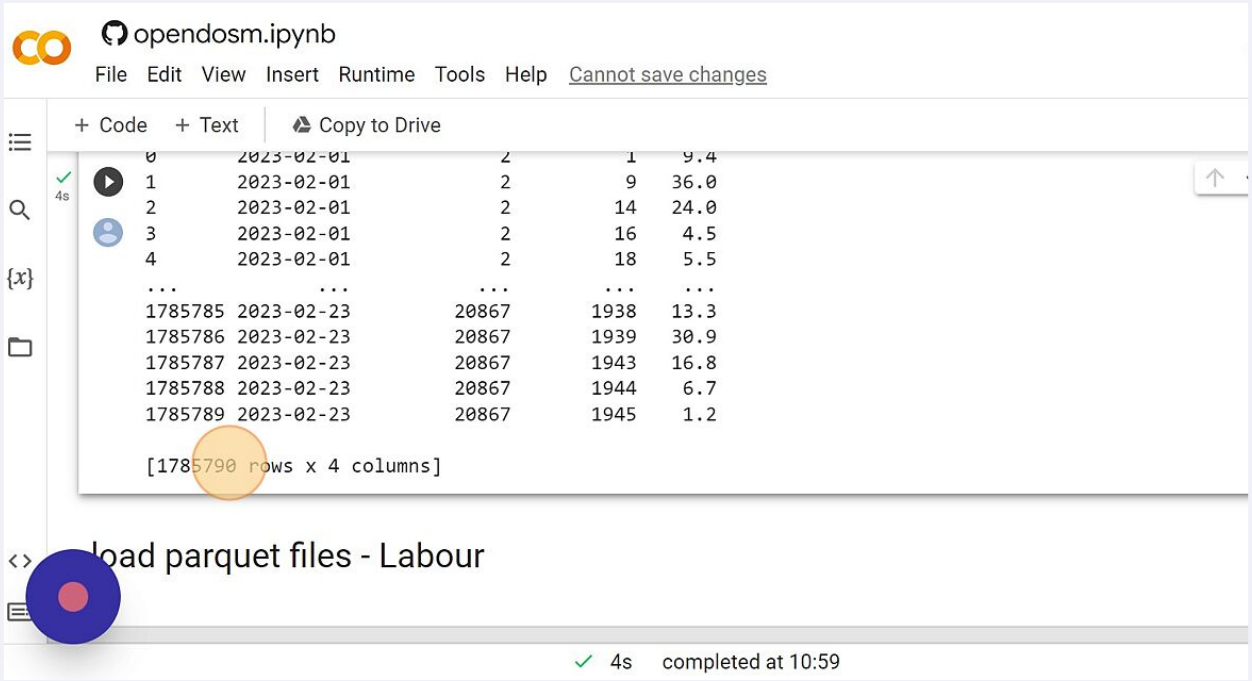
16 Click "Run cell"



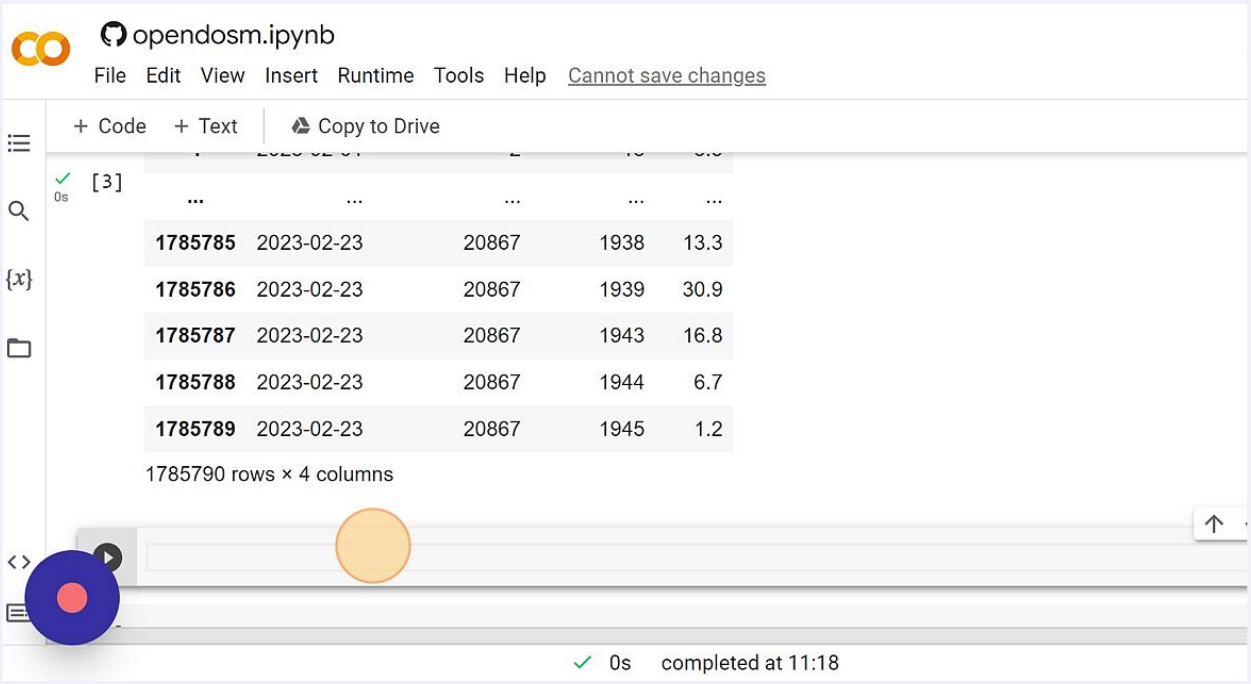
17 Click "Run anyway"



18 Output : Total number of rows



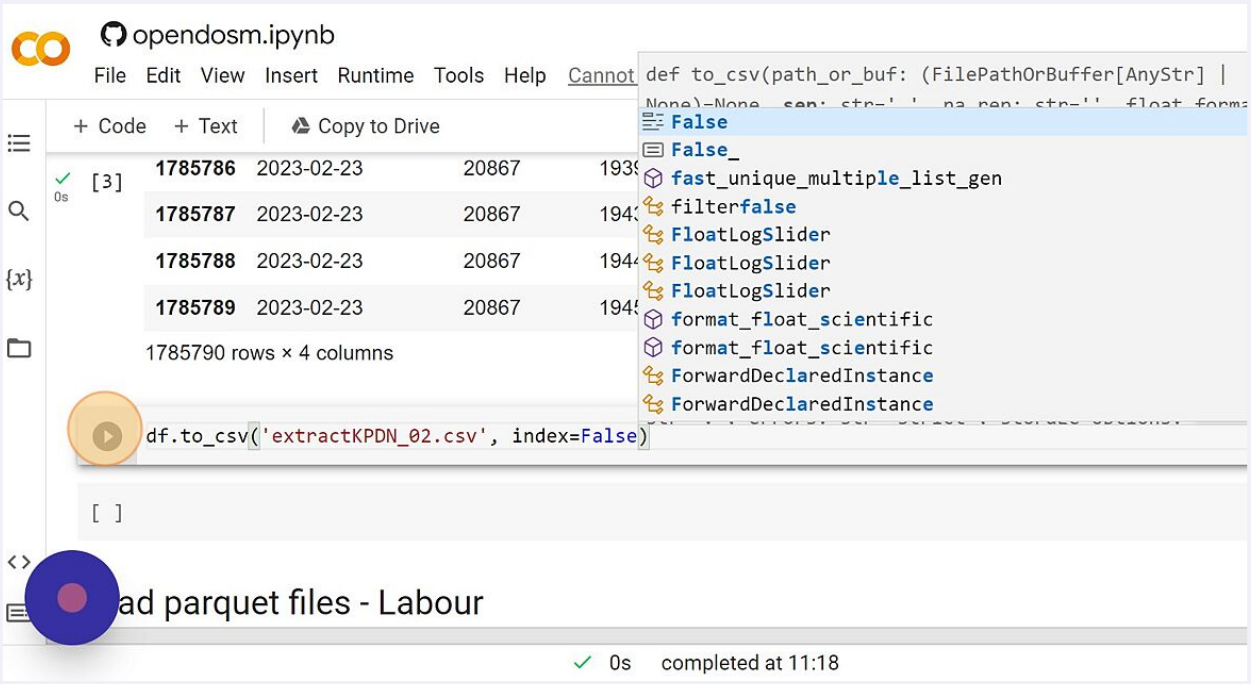
19 Click here.



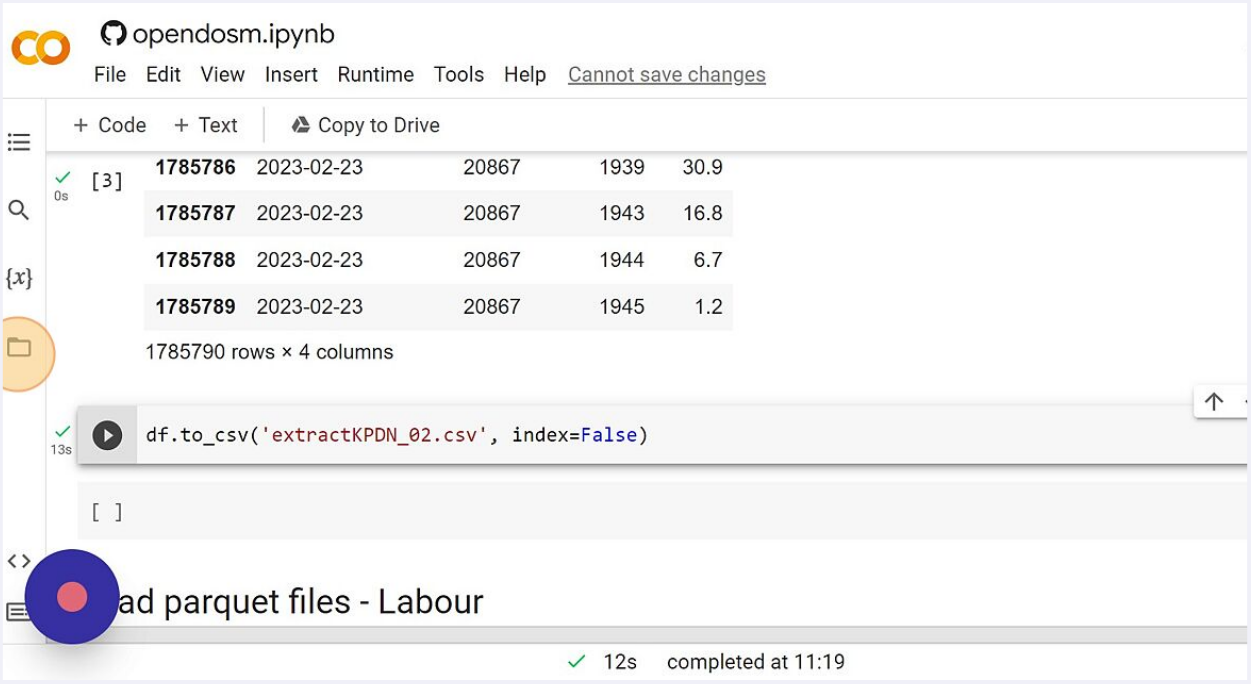
Save dataframe to .csv

20 Type "df.to_csv('extractKPDN_02.csv' , index=False")

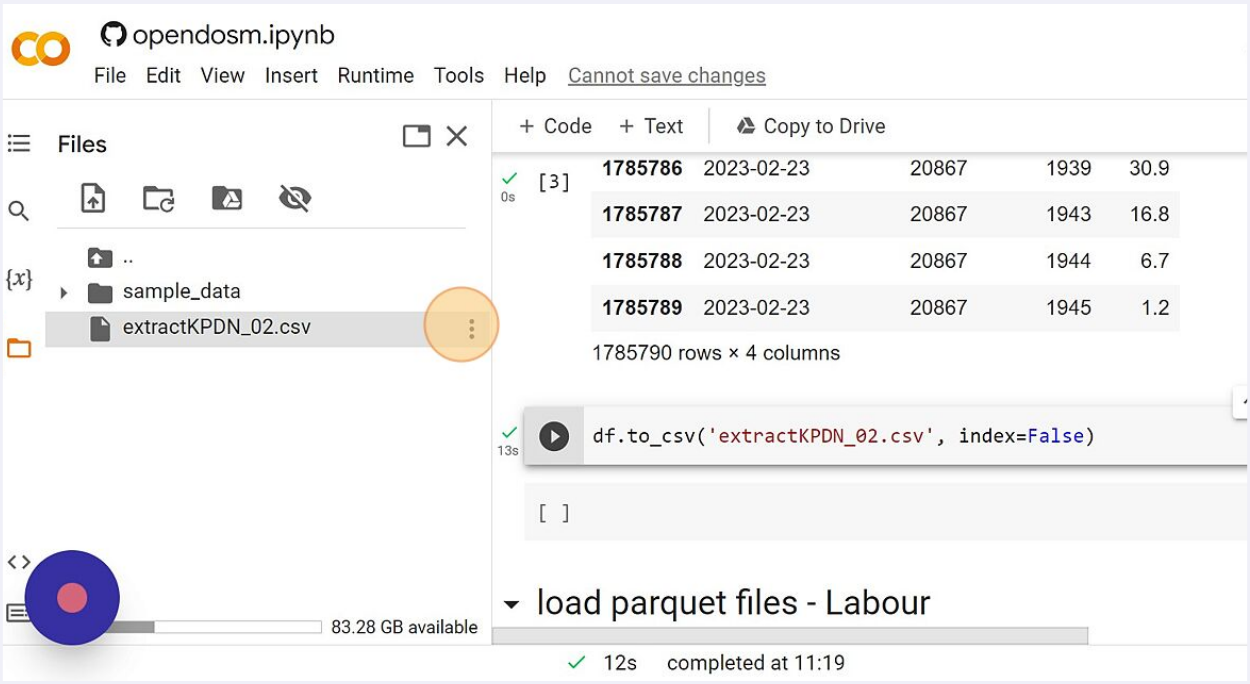
21 Click "Run cell"



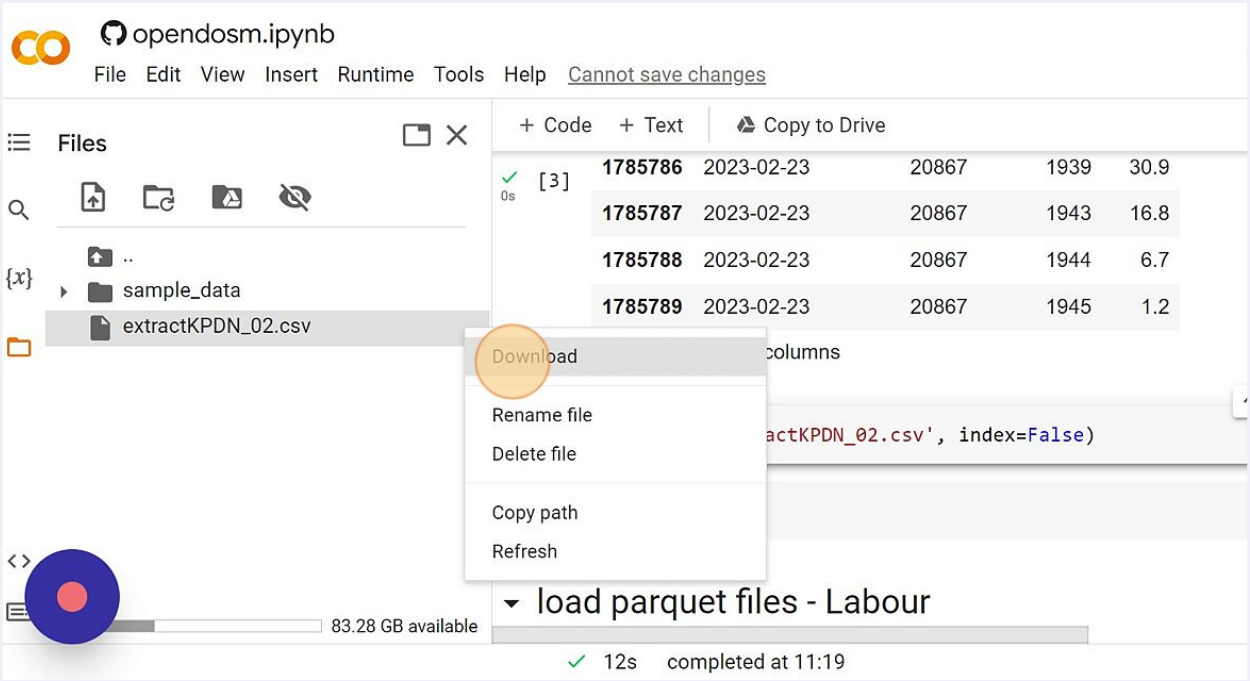
22 Click "Files"



23 Click here.



24 Click "Download"



Done