

Starting the python path: Introduction to Google colab

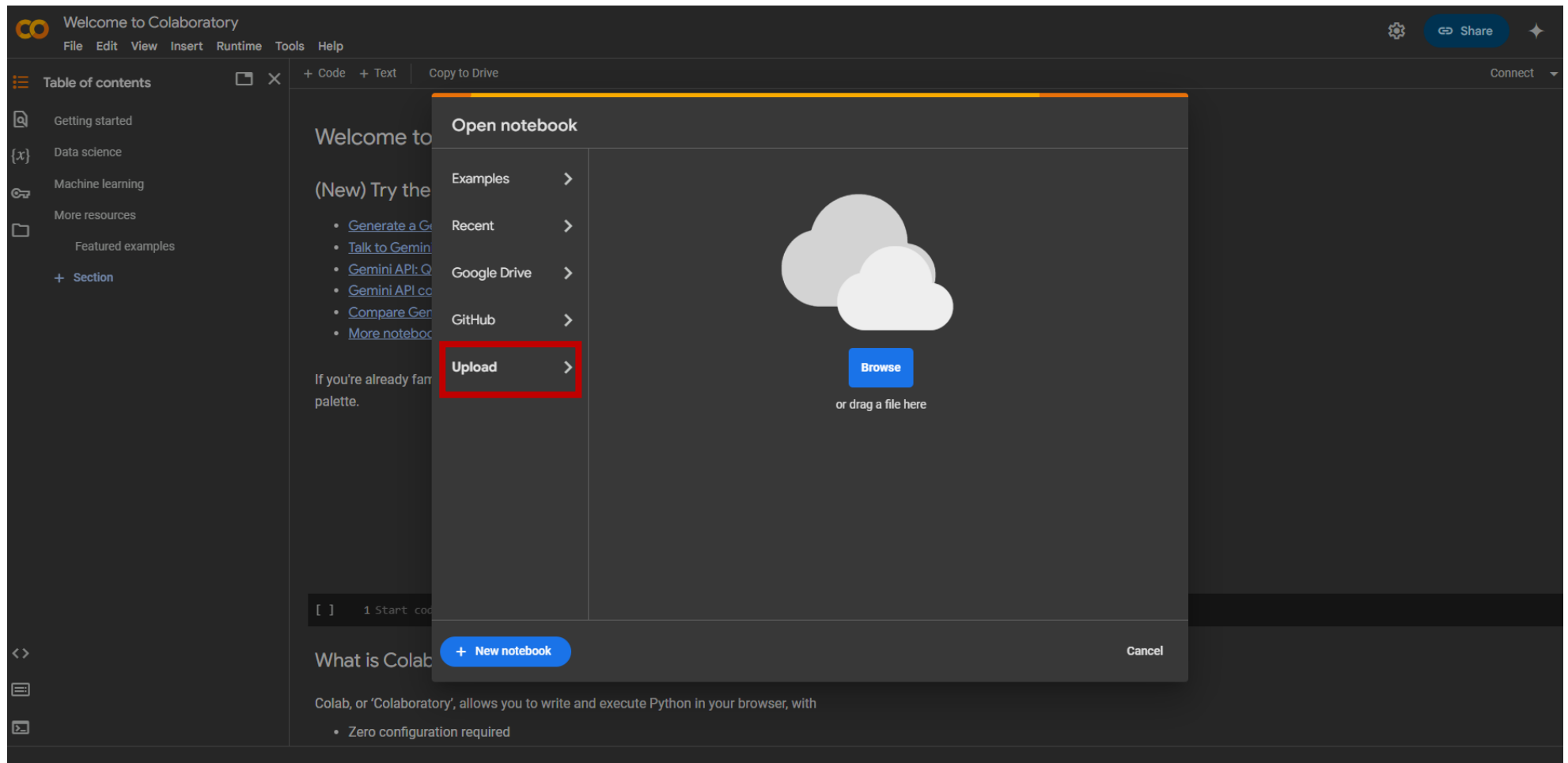
Starting resources

- If you are new to google colab you can watch an introduction to it here - <https://www.youtube.com/watch?v=inN8seMm7UI>
- If you have never used python before you can read an introduction to the language here - https://www.w3schools.com/python/python_intro.asp

Setting up google colab

1. You should have access to the file 'Digdata_python_path.ipynb'. Download this to your device somewhere where is accessible
2. Navigate to the [google colab website](#)
 - a. If you have never used google colab before, you will be asked to create an account – which you can do with a pre-existing google account
 - b. If you have an account, log in.

3. You will see this page, select 'Upload', and then browse for the file 'Digdata_python_path.ipynb' to upload



4. This should successfully load your notebook:

- a. Note: whenever you see the symbol circled below, it means you can toggle to hide the section for ease of navigation of the document

The screenshot shows a Google Colab interface with a notebook titled "Digdata_python_path.ipynb". The notebook content is as follows:

Introduction to data analysis using pandas


Pandas is a popular open source Python package for data science, data engineering, analytics, and machine learning. This notebook will give you a gentle introduction to pandas, but the exercises have been designed to allow you to complete them in multiple ways so feel free to google and find different functions. For more helpful documentation, check out these resources:

Completely new to coding?

- If you are new to google colab you can [watch an introduction to it here](#).
- If you have never used python before you [can read an introduction to the language here](#)

New to pandas?

- Introduction to Pandas in colab: <https://colab.google/articles/pandas>
- Pandas documentation introduction: https://pandas.pydata.org/docs/user_guide/10min.html



```
[ ] 1 import pandas as pd
```

▼ Data we are using for analysis

This data is from the NSHBSA Open Data Portal, and is called the 'Prescription Cost analysis' dataset.

<https://opendata.nhsbsa.net/dataset/prescription-cost-analysis-pca-monthly-data>

A red circle highlights the expand/collapse icon (a downward arrow) next to the section header "Data we are using for analysis".