

Colab Tutorial

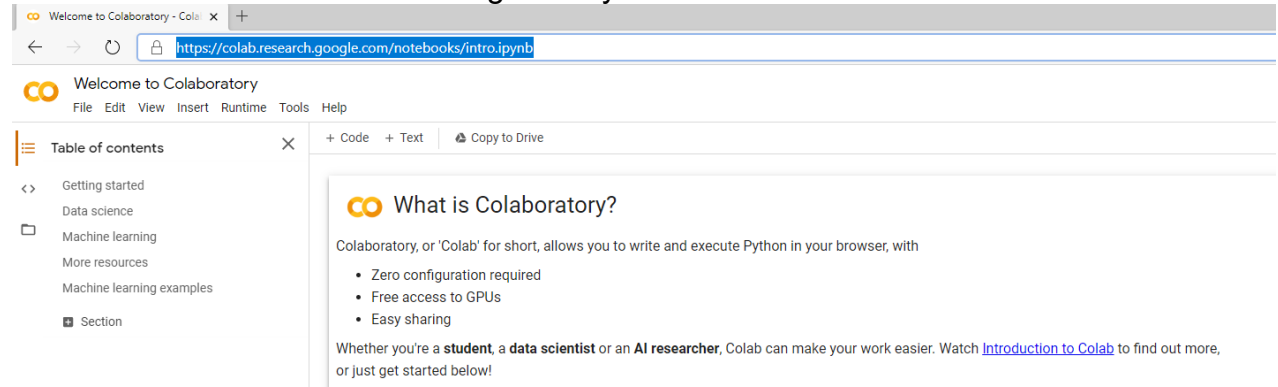
Session TS01: Colab Basics

Tutorial Guideline

Colab is a cloud-based data analysis system and this link will take you to the introductory Colab notebook:

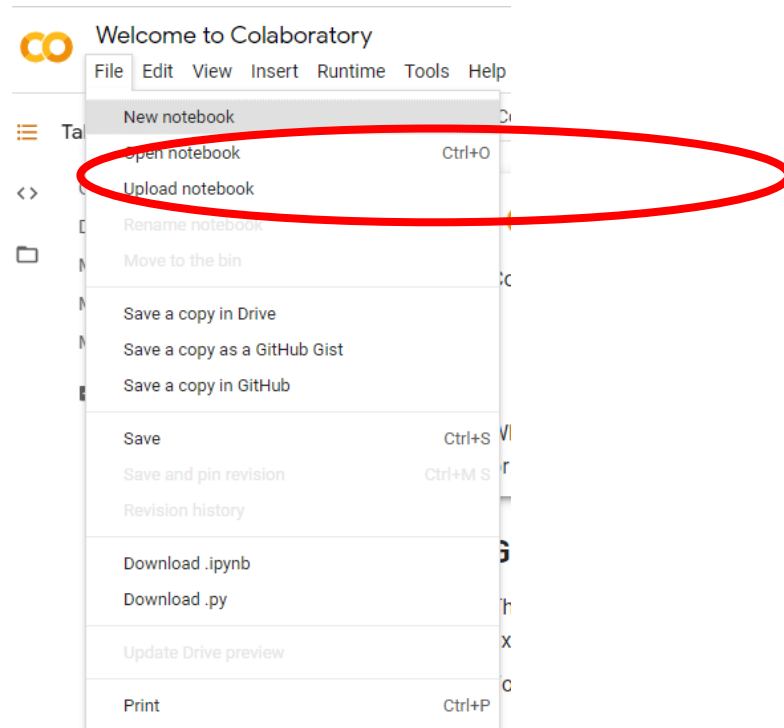
<https://colab.research.google.com/notebooks/intro.ipynb>

You should now have the following tab in your browser:

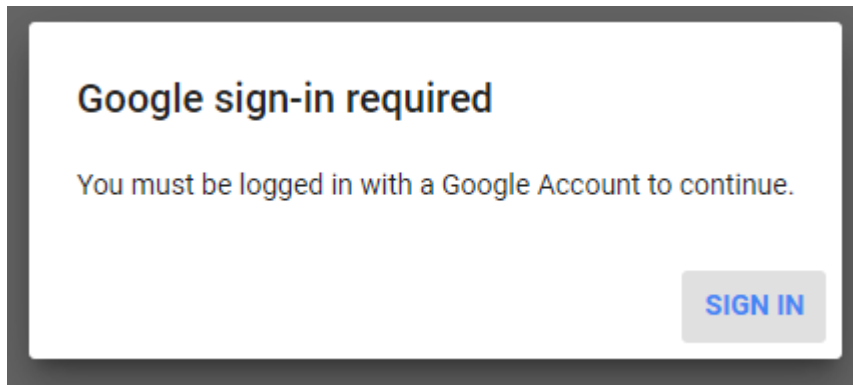


Scrolling through this notebook, you will find some simple code cells that you can execute for yourself and some links to Colab documentation.

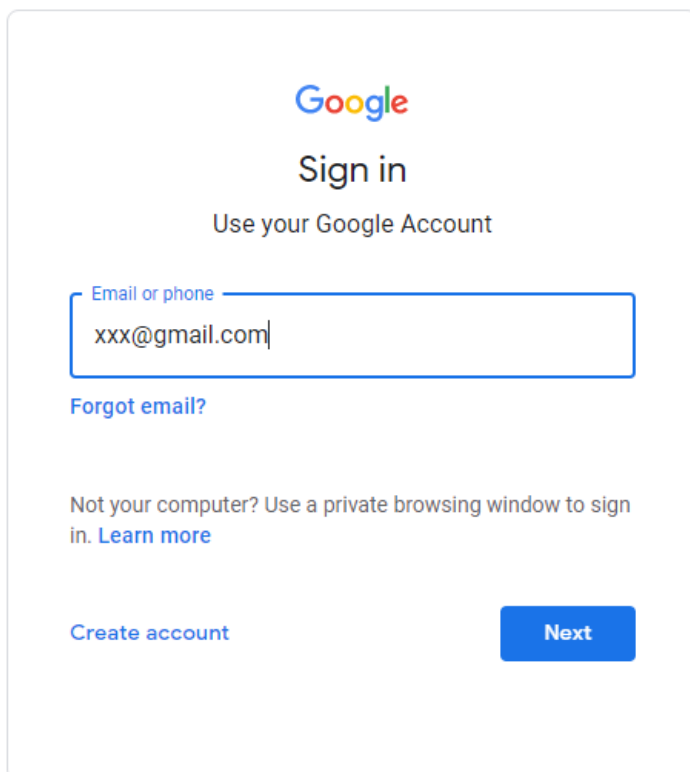
The first task is to create a new Colab notebook by selecting it from the menu, **“File > New notebook”**:



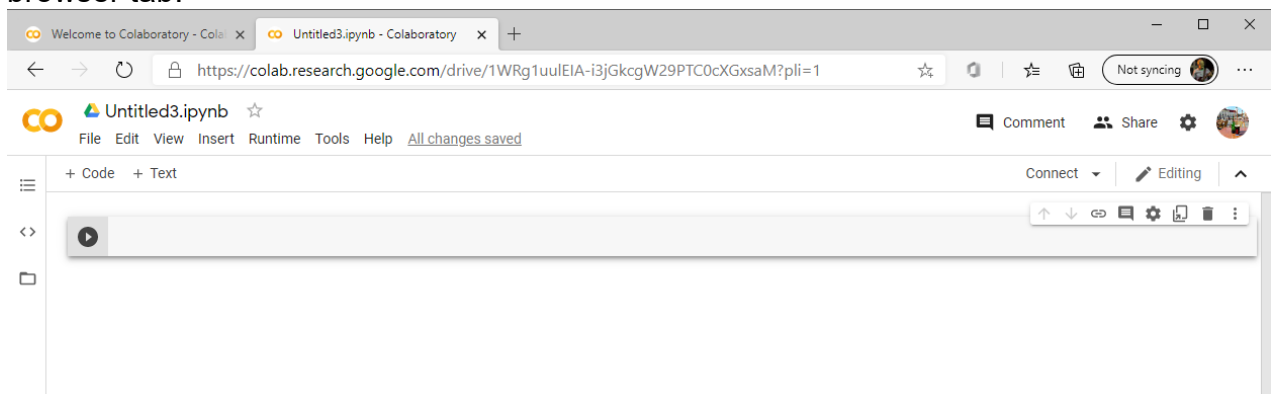
At this point, if you are not signed-in to a Google account you will be given the following prompt:



Click the sign in button and log in using the following dialogue:



Click the “**Next**” button and enter your password. You should now have the following browser tab:



Don't worry if the notebook has a different number in its title because we are going to rename it anyway by choosing “**File > Rename notebook**” and replacing “Untitled3.ipynb” with “Tutorial01.ipynb”.

We are now going to use print to print “Hello world”

(1) Print hello world

```
print ('Hello World')
```

Hello World

(2) Print your Name and age

```
Name = "Your name"
age = 36
print (Name,age)
```

Your name 36

(3) Using input function to insert your name

```
>input("What is Your Name? ")
```

What is Your Name?

(4) Insert your date of birth, then calculate your age.

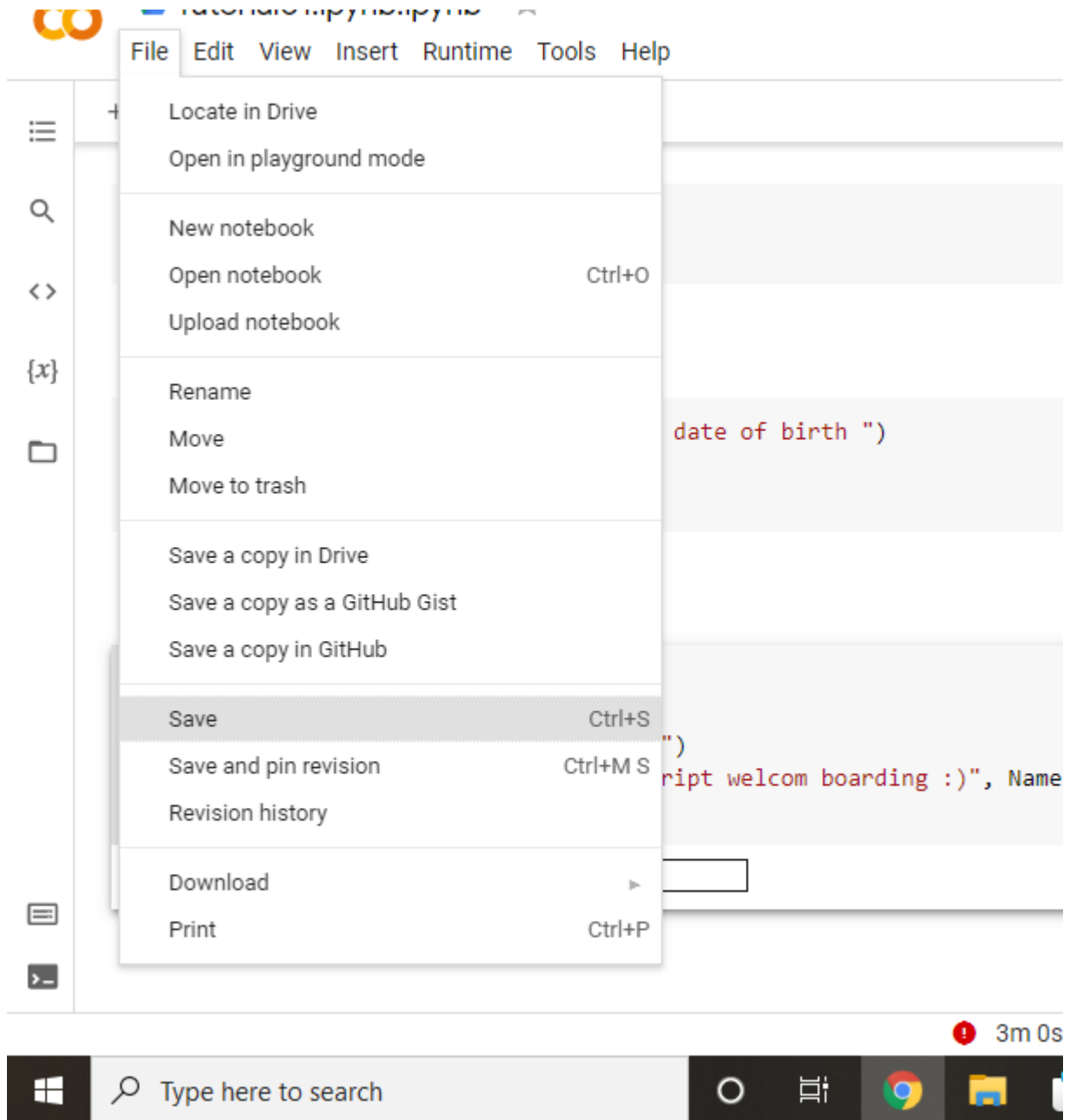
```
>year_of_birth = input("What is your year of birth ")
Age = 2022 - int(year_of_birth)
print (Age)
```

What is your year of birth

(5) Simple example - Welcome on aboard

```
[5] Name = input("What is your name? ")
    Age = input("What is your age? ")
    Day = input("What is the date of today?")
    print("Welcome on board \n", "Name \n", Name, "Age \n", Age, "Date of today \n", Day)
```

(6) Now let's save and download the script to share it



Download the script as ipynb

Tutorial01.ipynb ☆

File Edit View Insert Runtime Tools Help [All changes saved](#)

- Locate in Drive
- Open in playground mode
- New notebook
- Open notebook Ctrl+O
- Upload notebook
- Rename
- Move
- Move to trash
- Save a copy in Drive
- Save a copy as a GitHub Gist
- Save a copy in GitHub
- Save Ctrl+S
- Save and pin revision Ctrl+M S
- Revision history
- Download**
 - Download .ipynb
 - Download .py
- Print Ctrl+P

date of birth \"')

ript welcom boarding :)\", Name,

3m 0s

Type here to search