

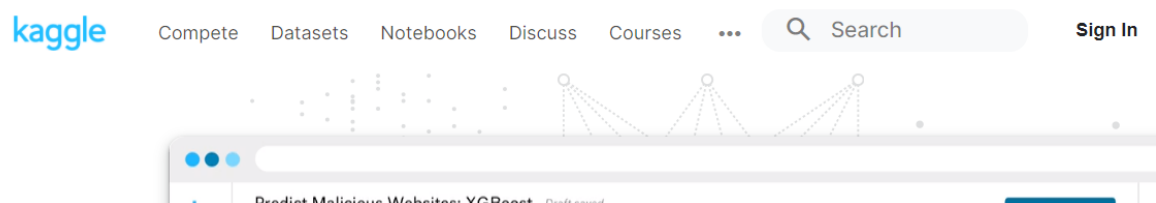
Instructions for using Kaggle Datasets in Colab.

Kaggle Datasets:

Kaggle datasets provide an excellent resource of training and test data for machine learning and data analytics projects. For this assignment we will import a kaggle dataset into google colab. In order to allow the kaggle dataset to be imported, some minor setup is required.

1. [Kaggle Account](#) (If you already have a kaggle account you can skip this step, go to step 2):


To use kaggle datasets you will need to have an account on Kaggle. If you use your web browser to go to kaggle.com, the “Sign In” is on the top right of the page.




Clicking Sign In will bring up the sign in options, click on the register tab. As you already have a google account you can use this in the registration process.

Sign In

Register

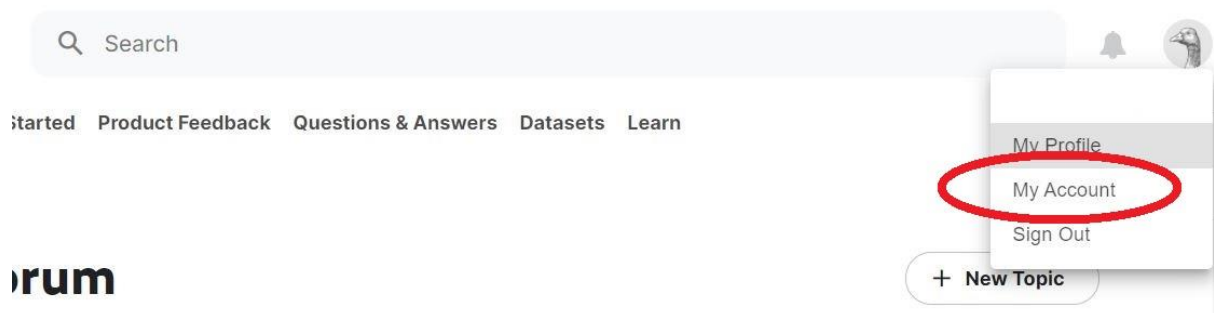
 Register with Google

 Register with your email

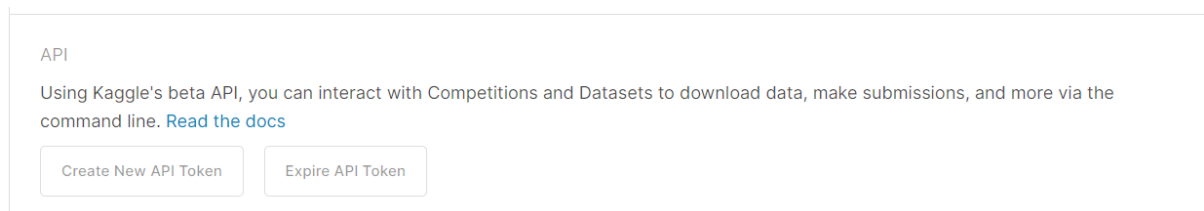
Have an account? [Sign in.](#)

2. API Token Generation.

Once you are registered and signed into Kaggle, click on the icon in the top left of the page and select **MyAccount**.



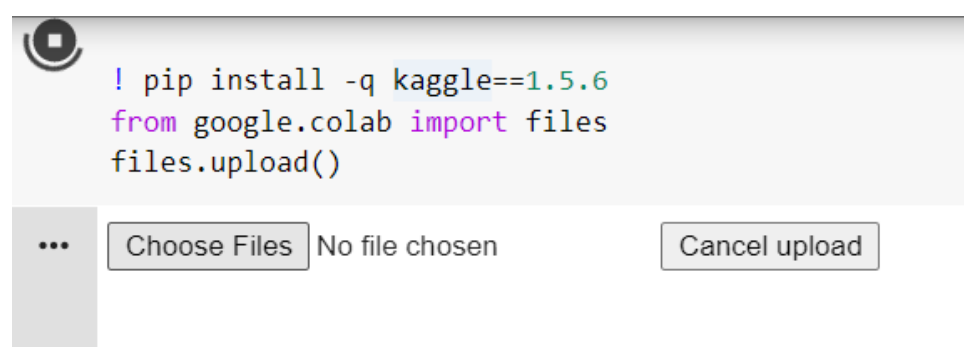
Within your account page, scroll down until you see a field for **API**. Within this there are two boxes **Create New API Token** and **Expire API Token**. If you have previously used kaggle API or used kaggle data in colab then first click Expire API Token (recommend to also delete old kaggle.json file on your PC). Otherwise click on Create New API Token, this will download a kaggle.json file to the Downloads folder on your computer.



*Note: If you are using google colab with kaggle datasets on multiple computers it will be necessary to expire the old token before creating a new API token for the new machine.

3. Using Kaggle in Colab.

In any assignment or example using a kaggle dataset there will be code cell, which when run will prompt you to upload your kaggle.json file from your PC.



Uploading the kaggle.json file will allow the dataset to be downloaded from kaggle. For example the ships in satellite imagery file is downloaded by the code cell:

```
# Load dataset
! kaggle datasets download rhammell/ships-in-satellite-imagery

!unzip ships-in-satellite-imagery.zip > /dev/null
```