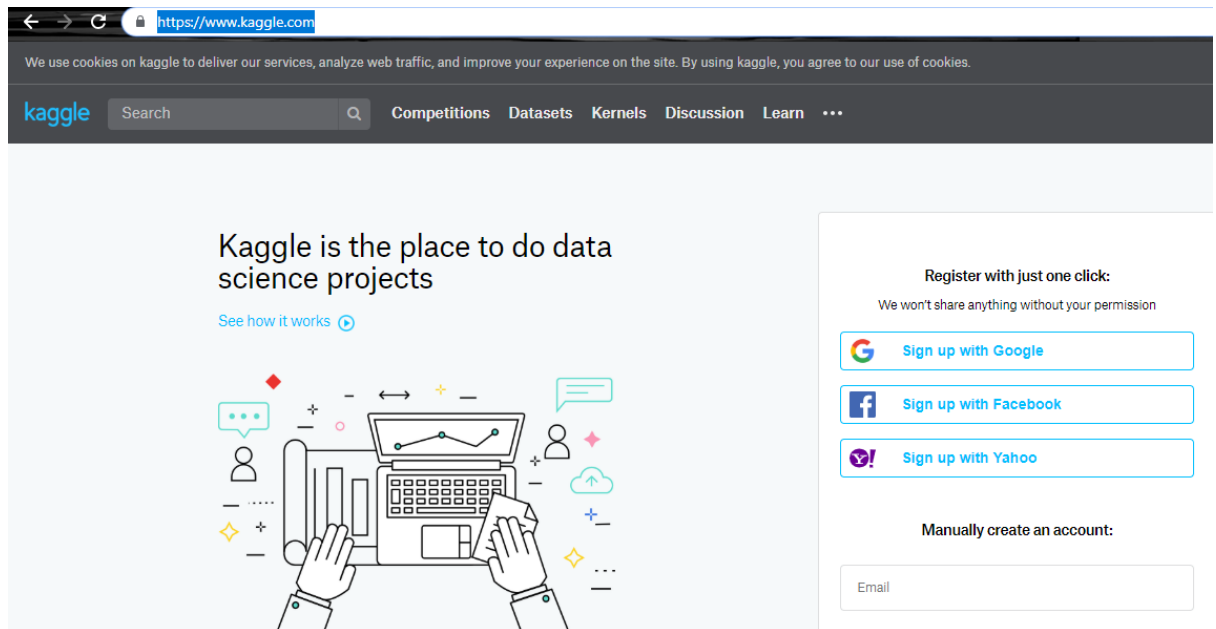


Steps:

1. Sign in into <https://www.kaggle.com/> and create a new account if already not present. You have to give a <username> while creating the account.



2. Using the <username>, go to the link <https://www.kaggle.com/<username>/account> and click on **Create new API token**. This will download a key file '**kaggle.json**', which will be used to download the flower dataset. This dataset is used for training the model. If you have some problem downloading the key file, you can download it again.

https://www.kaggle.com/govindam1/account

Home Competitions Kernels Discussion Datasets ...

User Name  
**govindam1**  
Your username cannot be changed.

Display Name  
**Govindam**  
The name users will see publicly. We recommend using your full name.

Email Address  
**govindam.kumar@upgrad.com**

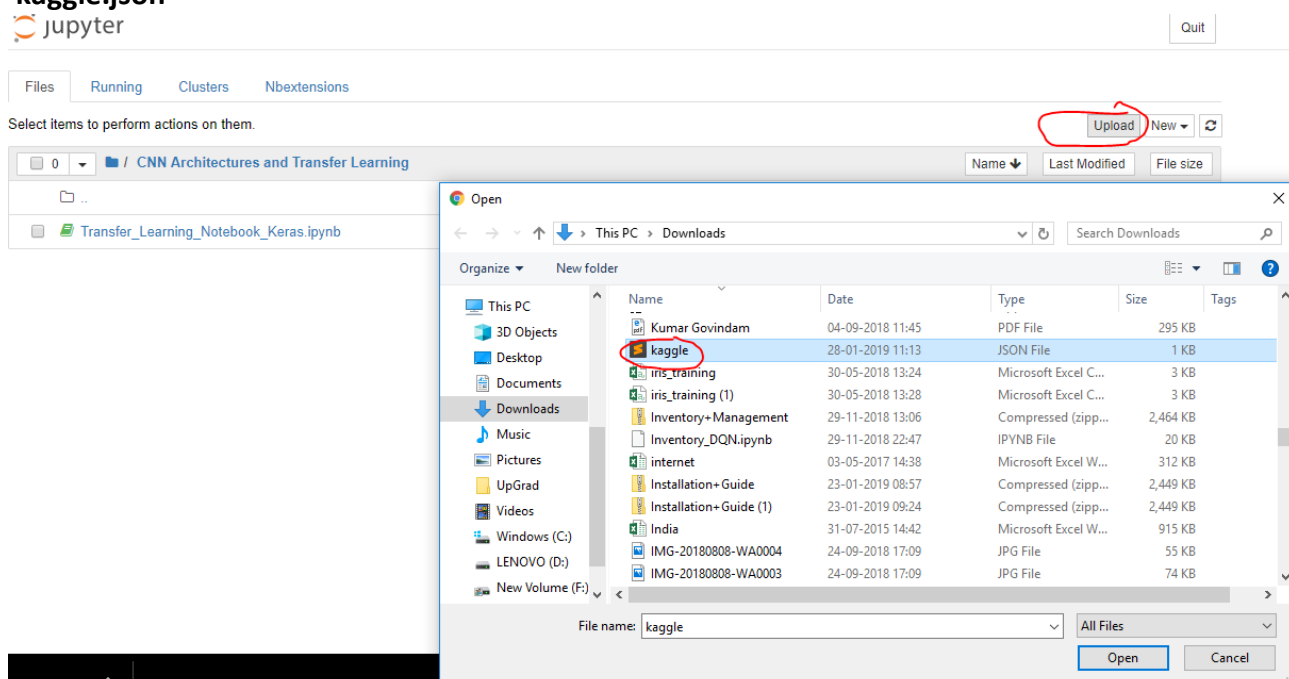
Phone Verification  
**Not verified »**

Email Preferences  
☐ Subscribe to mailing list for competition updates

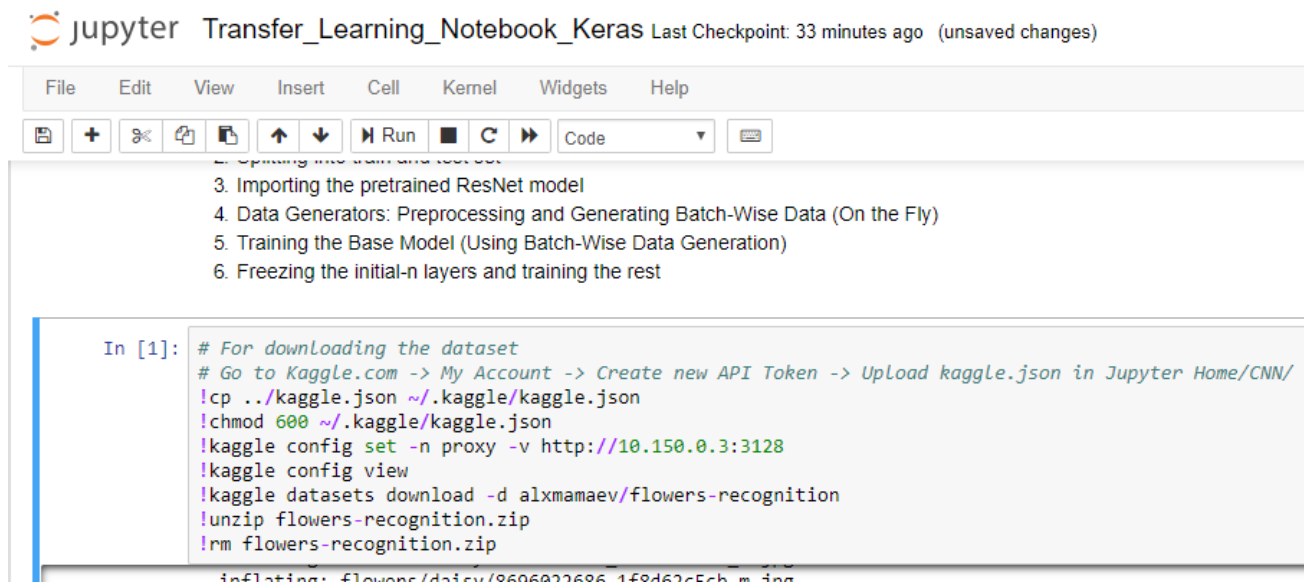
API  
Using Kaggle's beta API, you can interact with Competitions and Datasets to download data, make submission command line. [Read the docs](#)

Create New API Token Expire API Token

- Upload the '**kaggle.json**' key in the folder 'CNN Architectures and Transfer Learning' present in the Nimblebox server. Make sure that the name of the key file is the '**kaggle.json**'



4. Run the notebook to download the dataset.



The image shows a Jupyter Notebook interface. At the top, the title bar reads "jupyter Transfer\_Learning\_Notebook\_Keras" with a status indicator "Last Checkpoint: 33 minutes ago (unsaved changes)". Below the title bar is a menu bar with "File", "Edit", "View", "Insert", "Cell", "Kernel", "Widgets", and "Help". Under the menu bar is a toolbar with icons for saving, adding cells, zooming, and running code. The notebook content area displays a list of steps:

2. Splitting into train and test set
3. Importing the pretrained ResNet model
4. Data Generators: Preprocessing and Generating Batch-Wise Data (On the Fly)
5. Training the Base Model (Using Batch-Wise Data Generation)
6. Freezing the initial-n layers and training the rest

Below the list is a code cell labeled "In [1]:" containing the following commands:

```
# For downloading the dataset
# Go to Kaggle.com -> My Account -> Create new API Token -> Upload kaggle.json in Jupyter Home/CNN/
!cp ../kaggle.json ~/.kaggle/kaggle.json
!chmod 600 ~/.kaggle/kaggle.json
!kaggle config set -n proxy -v http://10.150.0.3:3128
!kaggle config view
!kaggle datasets download -d alxmamaev/flowers-recognition
!unzip flowers-recognition.zip
!rm flowers-recognition.zip
```