

Working With Kaggle Datasets in Google Colab

You have to first download the API token by visiting your kaggle account `My account > create new API Token`
This file contains your username and API key. make sure you know where this file is on your system while downloading.

Install kaggle

```
In [0]: !pip install -q kaggle
```

Make new directory name `kaggle`

```
In [0]: mkdir .kaggle
```

You have to enter the `User name` and `API key` . you find both in downloaded file `kaggle.json`

```
In [0]: import json
token = {"username": "Enter your username", "key": "Enter API key"}
with open('/content/.kaggle/kaggle.json', 'w') as file:
    json.dump(token, file)
```

```
In [0]: !cp /content/.kaggle/kaggle.json ~/.kaggle/kaggle.json
```

```
In [ ]: !kaggle config set -n path -v{/content}
```

If you get any warning by running above command you can run `!chmod 600 /root/.kaggle/kaggle.json`

By running following commands you can list the kaggle datasets which include keyword `flower`

```
In [ ]: !kaggle datasets list -s flower
```

Download the dataset from the kaggle

Visit the dataset you wish to download from kaggle and copy the API command for the same. Add `-p/content` after the API command and run as given below.

```
In [ ]: !kaggle datasets download -d alxmamaev/flowers-recognition -p/content
```

```
In [ ]: !unzip \*.zip
```

```
In [0]: # path to your dataset
DATASET_PATH = './flowers'
flowers_cls = ['daisy', 'rose']
```