

Download The Dataset

1. Clone kaggle in google colab

```
!pip install -q kaggle  
  
!mkdir ~/.kaggle # creating a kaggle directory  
  
!cp kaggle.json ~/.kaggle/ # copying json file to folder  
  
!chmod 600 ~/.kaggle/kaggle.json # changing the permissions to json
```

2. Download the dataset

```
!kaggle datasets download -d arbethi/diabetic-retinopathy-level-detection  
  
Downloading diabetic-retinopathy-level-detection.zip to /content  
100% 9.66G/9.66G [04:45<00:00, 38.7MB/s]  
100% 9.66G/9.66G [04:45<00:00, 36.3MB/s]
```

3. Unzip the dataset

```
Diabetic_Retinopathy.ipynb > !kaggle datasets download -d arbethi/diabetic-retinopathy-level-detection
+ Code + Markdown | ▶ Run All | Clear All Outputs | Outline ...

!unzip diabetic-retinopathy-level-detection.zip

... Archive: diabetic-retinopathy-level-detection.zip
  inflating: inception-diabetic.h5
  inflating: preprocessed dataset/preprocessed dataset/testing/0/cfb17a7cc8d4.png
  inflating: preprocessed dataset/preprocessed dataset/testing/0/cfdbae73a8b.png
  inflating: preprocessed dataset/preprocessed dataset/testing/0/cfed7c1172ec.png
  inflating: preprocessed dataset/preprocessed dataset/testing/0/cff262ed8f4c.png
  inflating: preprocessed dataset/preprocessed dataset/testing/0/cffc50047828.png
  inflating: preprocessed dataset/preprocessed dataset/testing/0/d02b79fc3200.png
  inflating: preprocessed dataset/preprocessed dataset/testing/0/d0926ed2c8e5.png
  inflating: preprocessed dataset/preprocessed dataset/testing/0/d160ebef4117.png
  inflating: preprocessed dataset/preprocessed dataset/testing/0/d16e39b9d6f0.png
  inflating: preprocessed dataset/preprocessed dataset/testing/0/d16e59a2b33a.png
  inflating: preprocessed dataset/preprocessed dataset/testing/0/d18f6431ebce.png
  inflating: preprocessed dataset/preprocessed dataset/testing/0/d1a60c3b9fe5.png
  inflating: preprocessed dataset/preprocessed dataset/testing/0/d1afdb8cf70d.png
  inflating: preprocessed dataset/preprocessed dataset/testing/0/d1b279cc02ae.png
  inflating: preprocessed dataset/preprocessed dataset/testing/0/d1ca85af57c9.png
  inflating: preprocessed dataset/preprocessed dataset/testing/0/d1cf31577a59.png
  inflating: preprocessed dataset/preprocessed dataset/testing/0/d1f7ea924a01.png
  inflating: preprocessed dataset/preprocessed dataset/testing/0/d1fa0f744620.png
  inflating: preprocessed dataset/preprocessed dataset/testing/0/d26bb2ed6e71.png
  inflating: preprocessed dataset/preprocessed dataset/testing/0/d26bc6e1230d.png
  inflating: preprocessed dataset/preprocessed dataset/testing/0/d27ac9e54901.png
  inflating: preprocessed dataset/preprocessed dataset/testing/0/d29b37d110f3.png
  inflating: preprocessed dataset/preprocessed dataset/testing/0/d2afca74cbc3.png
  ...
  inflating: preprocessed dataset/preprocessed dataset/training/4/fb696a8e055a.png
```