**Project Description-** This is a deep learning project on flower recognition using python. This model uses edge and colour characteristics of flower images to classify flowers.

**Dataset-** The dataset used in this project contains 4242 flower images. Data collection is based on Flickr data, google images, Yandex images.The images are divided into five classes: chamomile, tulip, rose, sunflower, dandelion. For each class, there are approximately 800 photos. The photos are not in high resolution, approximately 320×240 pixels. Dataset can be downloaded from the below link:

<https://www.kaggle.com/alxmamaev/flowers-recognition/download>

**Model Description-** In order to build the neural network for this task, I have used Sequential API of Keras. There are four convolutional layers, three dense layers, two maxpooling layers in the model layered as per the needed design. I have also used the Dropout layer.