

READ ME

The project use jupyter notebook to compile and run, and the whole project are divided into 3 files.

1. Dataset part:

“imageset.ipynb”: The function is downloading the images by Flickr API. The keyword and save path can be motified.

The default path are the “mountain5000” for training data and “mountaintest” for testing data. The default keyword is “Mountain”

2. Model

“color/Model.ipynb” is the file about model. It includes data preprocessing, model building, model training and model testing. The final outputs are saved as images in the “result” file. The images in the “resultxxx” are the outputs of the model with “xxx” epochs. You can change the path in the Model.ipynb.

3. Comparison

“color/mix.ipynb”: this file is used to make up the original pictures and different outputs into one image. It can make the comparison convenient.