**Requirements:**

We have tested our code on the following platform.

* Python 3.6
* Tensorflow 1.7.0
* Keras 2.2.5

**Testing the Model:**

* The trained models are saved in the “output” folder
* Put the test files in the folder named “./folds” in npy format
* Run the Test.py file for testing.
* The test results are generated in the “output” folder

**Training the Model:**

* To train the model on your own dataset, first generate the Training, Validation, and Testing files using the file data\_generate.py
* Run the Gen\_seq\_clas\_Train.py file to train the model.
* The trained model weights will be saved in the “output” folder
* Test the model using the above approach