

## Digits Recognizer

This is a neural network model that identifies human written digits.

The folder contains:

**digits:** The folder '**digits**' included the following dataset:

**train.csv:** contains the train dataset

**test.csv:** contains the test dataset

**sample\_submission.csv :** contains the sample csv file

**Digits recognizer.docx:** contains detailed information about the dataset

**model.json** and **model.h5:** contain the saved trained model

**Digit\_recogniser.py:** It is the python code of the neural network model

**Digit\_recogniser.ipynb:** It is the python code of the neural network model for jupyter notebook. It is a copy of 'Digit\_recogniser.py'

**result\_test.csv:** It contains the result for the 'test.csv' input in the digits folder.