CS677

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The following document will give a general description on how to run the project for CS677. In this project, I implemented my first keras models and utilized the MNIST datasets.

* The libraries that were used:
  + Numpy
  + Python
  + Keras
  + Matplotlib
  + Seaborn
  + Sklearn

Every library except the Keras model should be included in the base Anaconda environment if people are using Jupyter Notebbok via the Anaconda Notebook.

The Keras library can be installed via the following command:

conda install -c conda-forge keras

The whole project can be downloaded via github on:

<https://github.com/EthanTGo/NumberImageDetection>

This project can be clone/forked if you have git installed in your system. Otherwise, you can manually download the file. The most important files are:

1. Digits Recognition.ipynb
2. Input folder (This is a folder that contains the MNIST dataset)