CMPT470-816Assignment

This Repository contains the code for the machine learning of Task 1. To run the code do the following:

Steps

1. Run the following command in the terminal/command prompt to install all dependencies:

   ```
   pip install -r requirements.txt
   ```

   If your default python is 2.7, you need to write following command to install all the dependencies in python 3.x:

   ```
   pip3 install -r requirements.txt
   ```

   However, if you dont know the default version of python, you can find it by witting the following command on terminal:

   ```
   python --version
   ```

   If the see the default version of python is 2.7, you can check whether you have python 3.x in you computer using the following command:

   ```
   python3 --version
   ```

   If you dont have python 3.x, please install it first. You will find all details in this website.

2. Once all your dependencies get installed, you can use Pycharm editor or terminal to run the machine learning code. However, before running the code, you should change the following global variable in the config.py file:

   ```
   log_file_path = root_folder+'cms500_keras_rnn.log'
   ```

3. Now, run the main.py file either using Pycharm editor or using the following command:

   ```
   python __main__.py
   or
   python3 __main__.py
   ```

   After the successful run, you will find your_nsid_keras_rnn.log file in the project directory where all log information are stored along with the accuracy of the trained rnn model.

Issues

If you have any problem with the code provided in the repository. Please create an issue. I will try to solve it as

soon as possible.

Authors

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See also the list of contributors who participated in this project.

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