

Text Classification using PyTorch

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unless otherwise stated

Given a short text, decide whether it makes a *positive*, *negative* or *neutral* statement.

Prepare Python Environment

- create a new environment

```
virtualenv -p python3 env
```

- activate the environment

```
source env/bin/activate
```

- install PyTorch, Spacy and Jupyter

```
pip3 install torch torchvision torchttext
```

```
pip3 install jupyter pip3 install spacy
```

```
python -m spacy download en
```

Alternatively using Anaconda

- download and install Anaconda

```
wget https://repo.continuum.io/archive/Anaconda2-5.3.1-Linux-x86_64.sh
bash Anaconda3-4.2.0-Linux-x86_64.sh
export PATH=$PATH:$HOME/anaconda3/bin
```

- create a new environment

```
conda create -n pytorch python=3.6 anaconda
```

- activate the environment

```
source activate pytorch
```

- install PyTorch, Spacy and Jupyter

```
pip3 install torch torchvision torchtex
```

```
pip3 install jupyter
```

```
pip3 install spacy
```

```
python -m spacy download en
```

Download the Lab Notebook

- download the notebook

```
wget http://ufallab.ms.mff.cuni.cz/Iibovicky/ctu_lab_1.ipynb)
```

- run jupyter in the same directory

```
jupyter notebook
```