Data Science

Spatial and Language Data Processing

Installing Pytorch and Jupyter Notebook on Anaconda

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1. Install Anaconda or Miniconda

   Go to the websites: Anaconda or Miniconda. Below is an example for Miniconda:

   ```
   bash /home/<userName>/Downloads/Miniconda3-latest-Linux-x86_64.sh
   ```

2. Install Jupyter Notebook [in base]

   ```
   conda install -y jupyter
   conda install -c conda-forge notebook
   conda install -c conda-forge nb_conda_kernels
   ```

3. Install Jupyter Notebook extensions

   ```
   conda install -c conda-forge jupyter_contrib_nbextensions
   ```

4. Create a New conda Environment

   ```
   conda create --name pytorch
   ```

5. Install PyTorch

   - Activate the new environment using:

     ```
     conda activate pytorch
     ```

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[1]Loves Geospatial and NLP.

- Go to the website: PyTorch or [for cpu only]:

  ```
  conda install pytorch torchvision cpuonly -c pytorch
  ```

- To access Jupyter from any environment:

  ```
  python -m pip install --upgrade pip
  pip install ipykernel
  ipython kernel install --user --name=pytorch
  ```