Setting up the Working Environment

Initial Setup

1. **Install Miniconda** (if not already installed)

   - Go to: https://docs.conda.io/en/latest/miniconda.html

   - Download the installer for your operating system

   - Run the installer and follow the prompts

2. **Create Course Environment**

   ```
   # Create new environment with jupyter
   conda create -n biosignals python=3.10 jupyter

   # Activate the environment
   conda activate biosignals
   ```

3. **Install Required Packages**

   ```
   conda install numpy scipy matplotlib pandas
   conda install -c conda-forge mne scikit-learn
   pip install biosppy wfdb
   ```

4. If you like using **Jupyter notebooks**, you should also update the "base" conda environment to include the `nb_conda_kernels` package; this will make it easier to use MNE-Python in Jupyter Notebooks launched from the Anaconda GUI:

   ```
   conda install --name=base nb_conda_kernels
   ```

For further advanced installation steps, feel free to visit https://mne.tools/stable/install/advanced.html