

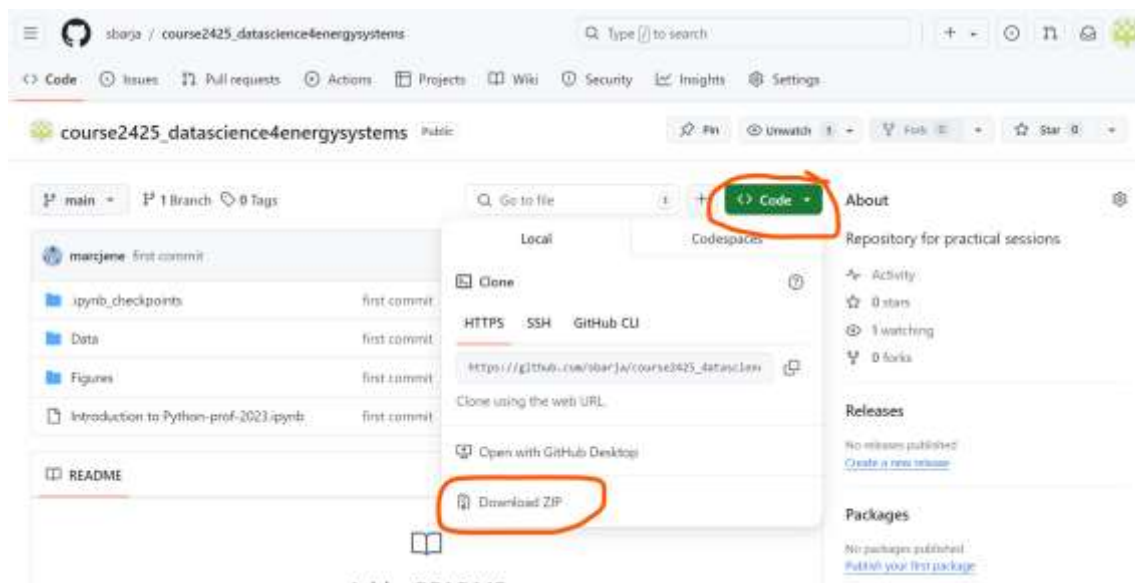


Accessing and Using the GitHub Repository for Your Data Science for Electricity Systems Class

Option A: Using the Repository Without Git

You can access and use the course materials from the GitHub repository **without installing Git** on your computer by following these simple steps:

1. **Access the Repository:**
 - o Open your web browser and go to the repository link:
https://github.com/sbarja/datascience_upc_2526.
2. **Download the Repository as a ZIP File:**



- o On the repository page, locate the green **"Code"** button near the top right corner.
 - o Click on the **"Code"** button to open a dropdown menu.
 - o Select **"Download ZIP"** from the dropdown options. This will download the entire repository to your computer as a ZIP file.
3. **Extract the ZIP File:**
 - o Navigate to your **Downloads** folder (or the location where your browser saves downloaded files).
 - o Find the downloaded ZIP file named datascience_upc_2526-master.zip.
 - o Right-click the ZIP file and select **"Extract All..."** (Windows) or double-click to open it and drag the folder to your desired location (Mac).
 4. **Access the Course Materials:**
 - o Open the extracted folder to access all the course files and resources.
 - o You will find lecture Jupyter Notebooks exercises, datasets and figures organized in folders.
 5. **Set Up Necessary Software:**
 - o Ensure you have the required software to use the course materials:
 - **Python** installed on your computer.
 - **Jupyter Notebook**
 6. **Open and Run Notebooks:**
 - o Open Jupyter Notebook and navigate to the folder containing the course materials.
 - o Open the .ipynb files to view and run the code examples and assignments.



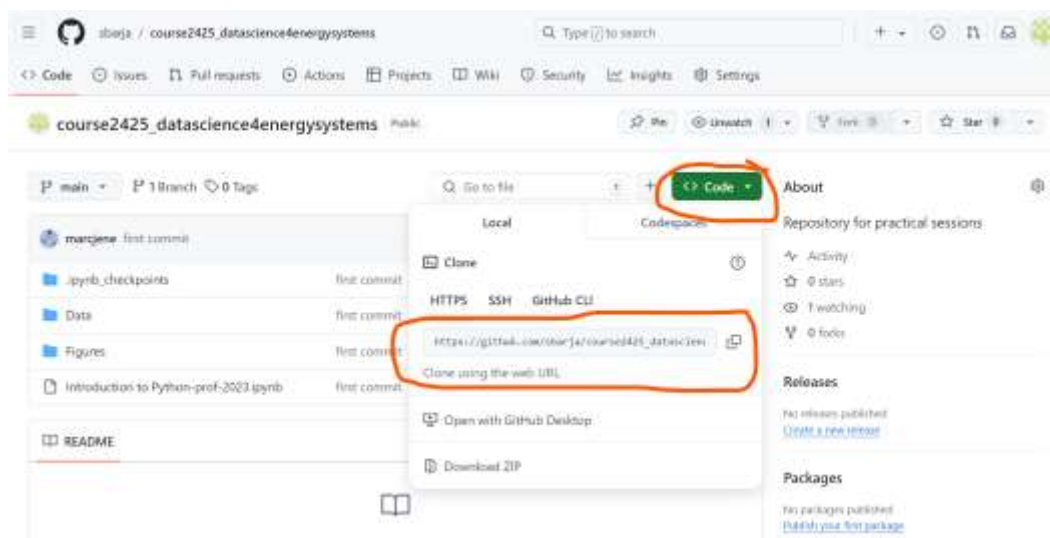
Option B: Using the Repository with Git

Using Git allows you to clone the repository to your computer and easily keep it updated. Here's how to get started:

1. **Install Git (If Not Already Installed):**
 - **Windows:**
 - Download and install Git from git-scm.com/download/win.
 - **macOS:**
 - Download from git-scm.com/download/mac.
2. **Open Terminal or Command Prompt:**
 - **Windows:** Use Git Bash or Command Prompt/Power Shell.
 - **macOS/Linux:** Use the Terminal application.
3. **Navigate to Your Desired Directory:**
 - Use the `cd` (change directory) command to go to the folder where you want to store the repository:

```
cd /path/to/your/directory
```

4. **Clone the Repository:**



- Run the following command to clone the repository to your local machine:

```
git clone https://github.com/sbarja/datascience_upc_2526.git
```

- This will create a folder named `course2425_datascience4energysystems` in your current directory.

5. **Access the Course Materials:**
 - Navigate into the repository folder:

```
cd datascience_upc_2526
```

- You'll find all course files and resources organized in folders.

6. **Update the Repository (When Needed):**

- To pull the latest updates from the repository, run:

```
git pull
```



7. **Set Up Required Software:**
 - Ensure you have the necessary tools installed:
 - **Python** (version 3.x).
 - **Jupyter Notebook** (already installed in Anaconda)
8. **Run Jupyter Notebooks:**
 - Start Jupyter Notebook
 - In your browser, navigate to the repository folder and open the .ipynb files to work on lectures and assignments.