

Repository for lesson material

All Lesson materials for the course are available at the following URL: [Ken Perry Github lesson repository](#).

You are required to make a local copy of this repository on your own local machine

New material will be released the day before each lecture. In addition, material may be updated or revised so please revisit and refresh your local copy of the repository often.

Finding this week's lesson

Open the Jupyter Notebook Index.ipynb and find the lesson indicated in the syllabus.

Obtaining a copy of the repository on your local machine

There are two ways of obtaining a copy

1. Visit the above URL; click on the Download or clone button and choose "Download ZIP"
2. Using `git` (recommended)

How to use git**Install git**

After you setup your Machine Learning environment (i.e., install Anaconda, per the first lecture), run the following command

```
conda install git
```

Making a local copy of the repository

- Change to the directory in which you want to copy the repository. We will use the following as an example

```
cd ~/Notebooks
```

- Run the following command

```
git clone https://github.com/kenperry-public/ML\_Spring\_2021.git
```

- A sub-directory called `ML_Spring_2021` will have been created. This contains all course material.

Refreshing your local copy of the repository

Change directory to `ML_Spring_2021`. The following command will update your local repository so as to keep it in sync with the master repository at the above URL.

```
cd ~/Notebooks/ML_Spring_2021 ; git pull
```

NOTE: If you have made changes to your local copy, the above command may issue an error message. You can correct this in several ways

1. Create a new directory and make another local copy. This is the safest option.
2. You can hide all the changes you made via the command: `git stash`
 1. Once your changes are hidden, the `git pull` command will work and your local repository will match the remote master.
 2. This means that you will lose all the changes you made, so this is not a great option most of the time
3. You can avoid all of this confusion by treating your local copy as "read only". Just copy any material you want to change to some other location outside this directory.