# Weekly Workflow LDSSA

## Get the learning materials

### 1: Open a terminal and change to the local students repo:

```
cd ~/projects/batch7-students
```

### 2: Pull new material from the remote repo:

```
git pull
```

### 3: Copy the new material to your workspace folder.

⚠️ Before running the command below: - If the "Week <week number>" folder already exists in your workspace folder, it will be replaced, so make sure you do this once and before starting to work on the exercises. Also, make sure that you copy just the new week's folder so that you don't overwrite your previous work.

cp -r ~/projects/batch7-students/"<specialization ID> - <specialization name>"/"<learning unit ID> - <learning unit name>" ~/projects/batch7-workspace/"<specialization ID> - <specialization name>"

Ejemplo S01-SLU01 :

```
cp -r ~/projects/batch7-students/"S01 - Bootcamp and Binary Classification"/"SLU01 - Pandas 101" ~/projects/batch7-workspace/"S01 - Bootcamp and Binary Classification"
```

Ejemplo S04:

```
cp -r ~/projects/LDSSA_course/batch7-students/S04\ -\ Text\ Classification ~/projects/LDSSA_course/batch7-workspace/
```

*** Note that we are using quotes in the path because it contains spaces. Example for Week 01:*

```
cp -r ~/projects/ds-prep-course-2023/"Week 01" ~/projects/ds-prep-workspace/
```

---

## Work on the learning units

All learning units come as a set of Jupyter Notebooks. These are documents that can contain text, images and live code that you can run interactively. You will learn how to use the Jupyter Notebooks in Week 00.

### 1. Navigate to your workspace folder:

cd ~/projects/batch7-**workspace**

and go to the BLU folder of interest

### 2. Create and activate virtual environment for BLU

pyenv virtualenv 3.10.6 S02_BLU02
pyenv local S02_BLU02

### 3. Install requirements

pip list

python3.10 -m pip install --upgrade pip setuptools wheel

pip list

pip install -r requirements.txt

pip list

### 4. Open the Jupyter Notebook application by running:

jupyter notebook
or
jupyter-notebook --NotebookApp.use_redirect_file=False

---

## Commit and push to GitHub

### Now is the time to transfer your work from the local workspace repo to the remote workspace repo on GitHub.

1. Open a terminal and navigate to your local workspace:

```
cd ~/projects/batch7-workspace
```

2. These steps will take a snapshot of your local workspace in this moment in time and transfer it to your remote workspace repo. You will understand them once your have studied SLU03.

```
git add .
git commit -m "Exercises for Week <week number>"
git push
```

---

## Grade the exercise notebook

1. Go to the *Portal* and select the learning unit. (https://portal.lisbondatascience.org/)

2. Select "Grade"

3. You will see your grade, e.g. 20/20.

4. If all the exercise asserts passed locally but the grader doesn't give you the expected output head to troubleshooting