

FOAR705 - Learning Journal Week 2

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Week 2: 5/8/19 - 11/8/19

8/8/19 - 3:20pm

As part of last weeks homework, we were tasked to restore a file from 6 months ago. As I am a Mac user, I have been using Time Machine (sorry, not sorry) for my back ups. I have decided to restore a .pdf file of a CV I made at the start of the year.

Objective: Restore Jan_Jugueta CV.pdf file from Time Machine back up.

Action:

- Open Time Machine app.
- Selected 19/1/19 as the date.
- Opened Documents folder.
- Opened Personal folder.
- Selected 'Jan_JuguetaCV.pdf' file.
- Clicked Restore.
- Selected option to Restore file to the Personal folder on my machine.

Error: None

Result: Restored Jan_JuguetaCV.pdf file to Documents/Personal/

10/8/19 - 4:18pm

I have decided to maintain my Learning Journal directly on Cloudstor so it will give me the ability to work on multiple machines with ease.

11/8/19 - 12:16pm

Having looked at my repository on the GitHub website again, I have decided to delete my 'Jugueta-Exercises' repository to start another one. This is because I have uploaded random files to the repository as a test, and now that I have a better understanding of what it is used for, I would rather it not be cluttered with unrelated data.

Objective: Delete 'Jugueta-Exercise' repository and start a new repository with the same name 'Jugueta-Exercise'.

Action:

- Clicked on the Settings button in the 'Jugueta-Exercises' repository page.
- Clicked on 'Delete this repository'.
- Typed in the name of the repository 'Jugueta-Exercises' to confirm delete action.
- Entered GitHub password to confirm deletion.
- Clicked on the + symbol and selected New Repository.
- Named repository 'Jugueta-Exercises'.
- Selected to keep the repository Public.
- Initialized the repository with a README.
- Clicked Create Repository.

Error: None

Result: Deleted old repository 'Jugueta-Exercises' and replaced it with a new repository with the same name.

11/8/19 - 12:28pm

Working through the Introduction lesson on Data Carpentry. Currently working on part 1, Formatting data tables in spreadsheets. The messy data from the lesson has been downloaded and is stored in the FOAR705/Files/Data Carpentry/Introduction folder on my machine.

As advised by the lesson, I will not alter the original data and instead create a new tab to work on.

Objective: Create a new data tab in Excel workbook.

Action:

- Open SAFL_messy.xlsx file with Excel.
- Create new tab by pressing the + symbol at the bottom of the screen.
- Renamed new tab 'DC Exercise'.

Error: None.

Result: New tab created named 'DC Exercise'.

11/8/19 - 12:48pm

Upon reviewing the SAFL_messy.xlsx file, a few things stand out and need to be ordered in the new tab:

- The Livestock table in the Mozambique tab contains multiple pieces of data in one cell.
- Inconsistent naming of things (i.e. mabati_sloping and mabatisloping).
- The Tanzania tab has no Plot table.
- Inconsistency when using 'null' and 'false' across both tabs.
- Some blanks in cells. Unsure if they are 'null' values or have not yet been recorded.
- Using cell highlighting in one tab to indicate additional information.
- Using the * character to indicate additional information.

- Inconsistent text/number align in the cells.

To get in the habit of constantly committing data to GitHub, I will commit the edited SAFL_messy.xlsx file to GitHub. This version will have the newly created tab DC Exercise.

Objective: Commit SAFL_messy.xlsx file to GitHub.

Action:

- Selected Upload files in the Jugueta-Exercises repository in GitHub.
- Dragged and dropped the SAFL_messy.xlsx file from my machine to the upload window in GitHub.
- Added the description 'DC Introduction exercise' to the upload.
- Added the extended description 'Edited SAFL_messy.xlsx file with new DC Exercise tab.'
- Clicked on Commit changes.

Error: None.

Result: Uploaded SAFL_messy.xlsx file to Jugueta-Exercises repository in GitHub.

11/8/19 - 1:24pm

Finished reading the Metadata section in Formatting data tables in Spreadsheets. Two key points from this section are:

- Metadata should not be stored with the data itself. It should be a separate file itself stored in the same directory.
- Metadata will help inform you, or other researchers about the data and data collection.

As part of the Metadata exercise, I have downloaded the SAFL/*clean.csv* file from the website and have moved

11/8/19 - 1:50pm

Having opened and read the contents of the SAFL_clean.csv file, my questions surrounding the file's potential metadata are as follows:


- What does 'no_membrs' actually mean? Number of village members? Family members?
- Is 'years.liv' referencing the age of the interviewee? If not, then what?
- What does 'affect_conflicts' mean?
- What constitutes as an item in the 'items_owned' question?
- I assume 'no_meals' means number of meals, but is it referencing to daily meals, weekly meals or something else?

11/8/19 - 2:05pm

To get into the habit of version control, I have decided to enable version control and back up a copy of this Learning Journal to GitHub. As I will be performing this back up during the documentation of the process, the soon-to-be backed up version of this Learning Journal will not be able to document this process.

Objective: Download current version of Learning Journal and commit to GitHub.

Action:

- Select File in Cloudstor.
- Selected Download As  Docx (Word file).
- Downloaded 'Jan Jugueta - Learning Journal.docx' to Download Folder on my machine.
- Enter Jugueta-Exercises repository in GitHub.
- Select Upload files.
- Dragged and dropped 'Jan Jugueta - Learning Journal.docx' to upload window in GitHub.
- Added the description 'Learning Journal'.
- Added '20190811 14:13' in the extended description to indicate when the Learning Journal was from.
- Clicked on Commit changes.

Error: None.

Result: Uploaded 'Jan Jugueta - Learning Journal.docx' to GitHub.