

Digital Methods: Learning Journal Template

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Autumn 2019

1 Today's Date

1.1 Thoughts / Intentions

1.2 Action

1.3 Results

1.4 Final Thoughts

2 06/11/2019

2.1 Thoughts / Intentions

08:44am: So I just read the homework for tomorrows lesson. I feel a bit lost already, but I'll try to make it work. **09:37am:** I will try to clean those messy dates I already created a Github user account and the Overleaf account

2.2 Action

- I already created a Github user account.
- I already created a Overleaf account too.

Creating a repository on Github:

- Click on profile icon in top right corner and click 'your repositories'
- Click 'new' and entering details - named repository 'learning-journal'
- Selected initialize this repository with a README and created repository
- Uploading overleaf weekly template sample
- Committed file with description

Overleaf:

- Used sample template in Overleaf and edited title/abstract
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- Attempt to recompile presents **ERROR** - still recompiles to the weekly journal template.
- Deleted template and recompile section dissapeared with **ERROR** - "Unknown main document. Please choose the main file for this project in the project menu"

Data Carpentry Exercises:

Messy Spreadsheet

- Opened data sets from previously downloaded excel spreadsheets
- Found 'tabs' in excel in bottom left corner
- Discussing messy data
- Color used for indication
- Multiple variables in column and row

- Multiple values in single cells
- Inconsistencies in null, 0 and false in each tab
- Inconsistencies and use of asterisk
- Blank cells are not adequate indicators
- Multiple tabs in one spreadsheet

2.3 Results

- Github -
- Overleaf - .

2.4 Final Thoughts

2:03pm: Im still a bit confused about it all. But I think I will get it at some point. I feel a lot more confident with overleaf. I will continue with the exercise tomorrow morning.

3 20/11/2019

3.1 Thoughts/Intentions

- **08:50am:** So today I found my final project on "Our World in Data"

3.2 Action

"Our World in Data" website

- I went to the website
- Had a little look around
- Clicked on the category "Global Health"
- Looked at some of the subsections
- I founded the category "Maternal mortality"
- Then I downloaded the csv-file and had a little look on the data.
- And decided that this would be my project for the exam

3.3 Final Thoughts

09:20am

- So with the data from "Global Health" I think it could be interesting to look into involvement of maternal mortality in different countries over time but also compare different European or African countries with each other
- The data is quite clean so I don't need to clean it before I use it, which is very nice.
- This is just my first thoughts around my final project. I think I need to think a bit more about have to work with the data and which angle I can have on the data

4 21/11/2019

4.1 Thoughts/Intentions

Around 9:30 am: So I told my idea on my final project first to Petra and later Adela. While talking to Petra my original idea developed a bit, so now I'm making a comparison between Sweden, Denmark and Norway around maternal mortality and also child mortality. I choose these countries because healthcare wise the three countries are roughly alike, but is there still a different between have many children and mothers, who dies through time.

- Adela approved my idea, but told my that perhaps I needed all European countries instead of just the Nordic countries.

4.2 Action

- Like yesterday I went to the "Our World in Data" website to find my new data on child mortality.
- I went to the website.
- Clicked on the category "Global Health"
- Found the subsection called "Child mortality" and downloaded the csv-file.

4.3 Final Thoughts

13.30 pm Like yesterday I had a little look on the data on child mortality and once again the data is quite clean, which is nice.

- But I can see in the different files that there is quite a different time frame on how long the three countries have written their data down. Will this be a problem?

09:20am

- So with the data from "Global Health" I think it could be interesting to look into involvement of maternal mortality in different countries over time but also compare different European or African countries with each other
- The data is quite clean so I don't need to clean it before I use it, which is very nice.
- This is just my first thoughts around my final project. I think I need to think a bit more about how to work with the data and which angle I can have on the data

5 26/11/2019

5.1 Thoughts/Intentions

- **15:32 pm:** I have quite a bit of homework for Thursdays lesson and I need to do the following things:
- Review the lessons 1, 2 and 3 in R for Social Scientist
- Do all the Exercises in lessons 2-3 and document them in your journal
- Install tidyverse in R
- Download and put the SAFI clean.csv somewhere on my computer where I can easily present it to R.
- Look at lesson 4 and 5 in advance

5.2 Action

Tidyverse

- The first thing I'll do is to install Tidyverse. I need to run the `install.packages("tidyverse")` command.
- But it seems like I can find my R-files from last week. Can I just install the program in R - I will try.
- I just typed the `install.packages("tidyverse")` in R and it began to work, so I think I did it right!

SAFI-clean.csv

- The next thing I will do is to download the SAFI file
- So I will find the lesson plan and clicked on Week 4 to go to the "R for Social Scientists" guide
- At first I could not find the file, but then i reread Adela's post on Blackboard and I found the file on followed link: <https://datacarpentry.org/r-socialsci/guide/>
- Then I downloaded the file on to my computer and put it on my desktop, so I easily can find it for Thursdays lesson

R for Social Scientist

- The next step I will do is to review the lessons 1, 2 and 3 for R in "R for Social Scientist"
- After I reviewed the lessons 1, 2 and 3 I need to do all the exercises for lesson 2 and 3
- The last thing I need to do for tomorrows lesson is to look a lesson 4 and 5 in advance

5.3 Final Thoughts

Around 11:35 on 27/11-2019 I have done almost all the homework for this tomorrows lesson now.

- I was a bit difficult to find the SAFI file but I found it at lasted
- I also had a bit of problems with the exercises. I could not quite finder out how to put it in to R and I got a lot of faults
- I was quite confused while I read the lesson 4 and 5. I think it will make more sense, when Adela talks about it on tomorrows lesson.
- I think the things from lesson 5 will be very relevant for my final project. It shows how to make graphs and different figure son data, which is what I'm exactly going for.

6 28/11/2019

6.1 Thoughts/Intentions

11:15 am: So this morning I book a help time with Petra for Thursday next week at 11:30 am

- In all honesty I booked the time, so I can start on the project already now although my other exam is taking all my time at the moment, but I think it will help me in the long run.
- Another thing I need to do today is the git exercise, where I need to make my journal in Overleaf public

6.2 Action

Git exercise

- The first thing I need to do is to read about Git and the common commands in Week 3 slides and after that I need to open git bash and register with my username and email.
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7 Final project notes

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