**Learning Journal for digital methods**

*Week 1:*

In week one, we started out small on the digital methods. I am not very skilled in digital methods so it was nice to try to learn something that was useful. Our first little assignment was to make a stop-word list in regex101. I tried selecting “n” and then I tried “b” but that did not work. I tried a few other things also but I could not make it work. In class, I learned that you should use the substitute function also. I learned the way to do it was:

* 1. Step
  + Select "
  + Substitute nothing
* 2. Step

Select ,\_

* Substitute \n
* 3. Step
  + Select .+
  + Substitute $1

*Week 2:*

In week two, we learned how to clean out messy data from a datasets. I was very helpful to learn it because then we create get a very qualified dataset for our project. We used open refine to do it in and the program was very useful. We should also start to think about our final project but I did not have any idea what I was going to write about.

*Week 3:*

In week three, we looked into the program GitBash that I did not know about. We learned the basics about the program. However, I did not think I was going to use this program because I could not see the point of using it. I still was confused about what I was going to make a project about. I was thinking something about economic numbers because I thought that could be exiting to make a project about. I think I will soon make a meeting with Max from the Library to get some help.

*Week 4:*

This week we looked into the program R that was a very good program. I thought this program was very good to make a project in because it seems to have some very good function in it. It was easy to get the logic about the program, and it could show us some very good graphs. I am nearly sure that R was the program I wanted to make my project in.

*Week 5:*

In week five, we looked more into R and some packs you could use in it. We downloaded a pack called tidyverse, which consisted of many other small packs for R. Tidyverse seems to be very helpful for my project so I think I will use it to my project. I also had a meeting with Max who showed me some data about census in Aarhus in the 18th and 19th hundred. I think I could get a nice project about the censuses, and Max showed me a good code he made which I could use for my project. The code was easy to understand and we started out with using it a little bit on the datasets. I think I will go with Rstudio and Aarhus Census for my project.

*Week 6:*

I started to look into my project and try out look into Rstudio. Since week four, I could feel I was smarter in Rstudio, because I could understand more about the logic about the program. Since week one, I got a better understanding about digital methods. My datasets had over 16000 observations so it was very good to learn how to visualize a dataset that big using a program. If I have did in hands I would have taken a long time, therefore by using a program to visualize some data is very helpful because it can save you a lot of time. In addition, you could be very good at using programs by practicing in them. In all the digital have been very helpful to learn and I think I can use it later in my education