

## Homework II write-up

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In this assignment, I was asked to create a command line tool that takes four arguments. The steps were a) read all of input data b) split data into an 80% training set, 10% development set, and 10% test set c) write them their paths d) make sure that the input is appear as a string, and finally e) shuffle and seed.

Since this is my first time to use a code editor like VS, and the command line, the most difficult part was to navigate the two and get the expected results. The core of the challenge was to find out what is the thing that I'm missing. Without knowing where I needed help, I was lost. And it was so difficult to articulate where is the problem to google or make any progress. In order to overcome this challenge, I watched the practicum again, tried to apply the steps slowly, worked with my colleague to resolve bugs in the code. After I master this, the rest followed smoothly.

The second part that was challenging for me is testing the data and results. Again because I have a very limited knowledge in how to use the command line, every time I tried to test the data, I'll get error "command was not found". To overcome this difficulty, I read a lot on command line, to realize what is missing. Sometime the solution was a white space or a spelling error!

Overall, I enjoyed my learning journey and excited for more!