Homework 1

February 5, 2018

The code and output of your homework should be in a folder named "homework1" inside your repository. Please name your repository as: last_name_first_name_orie6125. In this homework you will use AWS, S3, Linux console, Git, Shell and sed. You will work with the first 7 quote files of the course. You should do EVERYTHING using the Linux console and AWS.

- 1. Launch an AWS instance.
- 2. Run a shell script that creates 7 files where each file contains the first 1000 lines of the first seven quote files. They should have the same name as the original files. The shell script should do that automatically.
- 3. Modify each of the files of the previous point, using only one shell script, in the following way:
 - (a) The file should only have three colums: A,B, Date. The columns should be separated by commas. The first column consists of the first string of alphanumeric character until the first white space. The second column combines all the characters starting from the first alphacharacter after the first white space, where any number of white spaces is replaced by '-'. The third column contains the date of the file. The file should look something like this:

```
A, B, Date, 20141201
922330031PA, T-00000016500000427800N00000000000002826C, 20141201
933001173NA, O-0000270270000042690N000000000000003606C, 20141201
93300129JA, A-0000070000000000426590N00000000000003746C, 20141201
933001507TA, I-00000000200000426500N00000000000003744C, 20141201
933001507TA, O-00000000200000426500N00000000000003744C, 20141201
933004113DA, O-0000001000000042710N000000000000000171CT, 20141201
933004113DA, O-0000001000000042730NN0000000000000171CT, 20141201
933004149PA, O-0000001000000042720NN00000000000004218C, 20141201
933004149PA, O-00000010000000042730NN000000000000004218C, 20141201
933004149PA, O-00000010000000042730NN000000000000004228C, 20141201
```

4. Push the final files and scripts to your repository.