

Homework #1

The Big Data Theory

September 18, 2017

Dear Participants,

In order that You will be able to work smoothly and efficiently during our workshop, especially with respect to a project exercise that You will have to solve, in the following days You will get some letters from me with some homeworks that I kindly ask You to do.

1.1 Learn the basics of Python

1.1.1 Python tutorial

For the project work You will have to do some programming in Python. As not all of you might be familiar with this language, please take a look at this online training, that will walk You through the basics that will enable You to work with us:

<https://www.learnpython.org>

(Going through the “Learn the Basics” section is enough, although it will definitely not hurt to do the rest either.)

1.1.2 Python tutorial

Those who are not familiar with the language and are at the same time willing to sacrifice a few hours from their free time, (which otherwise would be spent with social activities) please write an e-mail to mak.jozsef@eestec.hu, and we will also try to provide you with some introductory class on Python. (Even if You reply, please walk through the basic course suggested under 1.1.1.)

1.2 Learn the basics of regular expressions

There will be a need to process textual data and search for certain string patterns in it and for this purpose regular expressions are most useful. If you are not familiar with them, please review the following tutorial:

<https://regexone.com/>

If you want to write your own regular expressions, the webpage below is a good testing area, which might also come in handy during the workshop:

<http://regexr.com/>

That's it for now.

Greetings,
József Mák
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