R Programming Language Workshop

Worldwide data continues to grow, affecting different industries every day. This upward pattern of data production resulted in "Big data" expression which finally created a new field that treats ways to analyze, systematically extract information from, or otherwise deal with data sets that are too large or complex to be dealt with by traditional data-processing application software. If you're considering starting or advancing your career in the field of Big Data, data science or machine learning, you might want to learn at least one of the two most popular (R and Python) programming languages to give your career a boost. In this workshop-seminar we will be covering basics of R programming language and how to apply it on real data.

The workshop will be split in 3 days, hour and a half each, using online platform Zoom.

Day 1:
1) Installation of R and RStudio
2) Intro to language syntax
3) Popular libraries in R
4) Using basic functions
5) Going through examples
6) Kaggle online platform

***Students should go through the examples from Day 1 so they get familiar with syntax and functions

Day 2:
1) Let's remind ourselves what we did on Day 1
2) Analysis of example dataset
3) Hands-on simple exercises
4) Questions

***Before Day 3 students should work on their own dataset

Day 3:
1) Loading and checking your own data and solutions
2) Going through one of the datasets
3) How to interpret different results
4) More advanced analysis
5) Questions

Students having problems with R or want to learn more can contact me on:
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