**Machine Learning Assignment 1**

The aim of this assignment is to understand the basics of Python and Pandas, so that you

should become familiar with the basic techniques needed to understand and pre-process data

for building Machine Learning models.

To complete the assignment, you must first have setup development environment. If you will

be working on your own PC you should download and install Python and Anaconda framework.

**Tasks:**

1. Improve the overall quality of the tutorial. For example, write up, formatting, examples

etc.

2. For each “data structure” discussed in the tutorial you need to do the following tasks:

a. Describe “why”, “when” and “where” a data structure should be used.

b. Add at least three new examples for each data structure in the tutorial.

The Assignment 01 is due by Sunday March 21, 2021 at 23:59. Note that there will be

deduction of 10% marks (per day) on late submission. Note that if you submit the assignment

three days after the deadline it will be considered unsubmitted and you will be given 0 marks.

Departmental rules concerning plagiarism and collusion will be strictly observed – please refer

to the Student Handbook for details of these.