



School of Computer Science
Faculty of Science
National University of Engineering

Final Exam

Subject: Machine Learning for Data Science

Period: 2019.2

In a `<my_first_name>.ipynb` file:

1. (10 pts.) From [this paper](#):
 - (a) (2 pts.) Try to reproduce Figure 8 and make some comments from it.
 - (b) (3 pts.) Try to reproduce Figure 9 and make some comments from it.
 - (c) (2 pts.) Try to reproduce Figure 10 and make some comments from it.
 - (d) (3 pts.) Try to reproduce Figure 11 and make some comments from it.
2. (5 pts.) From [this paper](#):
 - (a) (2 pts.) Try to reproduce the first row from the three ones of Table 1, i.e., *Original* Model row.
 - (b) (2 pts.) Try to reproduce Figure 5.
 - (c) (1 pt.) Make some comments from your findings.

Solve the following exercises from [this book](#): 2.14, 7.17(c), 9.12, 9.19, 10.11. Scan your solutions and send it as a single pdf file, each exercise is worth one point.