ADNE 18/19: Trabalho 1

Início

Aulas

Teóricas

Assignment 1

Dates and rules.

- This is an individual assignment.
- The assignment may be submitted unil 2019-05-01 at 23:59 but students are strongly advised to submit their assignments at least 24 hours before the deadline in order to check the submission and solve any submission problems.
- The assignment must be submitted as a .zip file, compressed in zip format, and sent as an attachment by email to `praticasice@gmail.com` from your official FCT email address. Please do not use other compression methods or other email addresses and do not send a link to a cloud drive.
- The zip file must contain at least one file named `tutorial` and with the appropriate extension (.pdf, .html, etc).
- For each student, only the last email sent to `praticasice@gmail.com` before the deadline will be counted. So you can change the version of the assignment submitted or even withdraw your assignment (by sending an email with `WITHDRAW` in all caps in the body of the message) up to the deadline.
- I will update the submissions regularly in this page, once I start receiving them.

Objective

The goal of this assignment is to create a tutorial showing your knowledge of Tensorflow and the Keras API (sequential and functional). The level of detail should be the same as we covered in this course. You can choose examples or datasets as you see fit but they should be small or easy to obtain by following the tutorial. If they are larger than 1MB do not include them in the zip file submitted.

The tutorials will be scored mostly by the use of Tensorflow and Keras but it is also important to make them correct from a theoretical perspective, as errors in architecture, training and validation will be penalized.

The main goal of this assignment will be to assess your understandinbg of the tools we use in this course (Tensorflow and Keras). Thus, it is important for your tutorial to include some explanation of your code and how it works so I can have an idea of how well you understand these tools.