



INTELLIGENT SYSTEMS

Projects

Instructions

- Use Matlab, Python or other language to solve the exercise.
- Deadline for submission of the report is Friday, 11th November 2022.
- Deliver all data files that contains the developed software. Further, deliver a file `project.docx` (or `project.pdf`) in which you report the developed work. Explain how you chose your approach and why, further also describe how the values for the parameters were obtained and present the main results, conclusions and future work.

Place the solution and all the required files in a zip file with your name (ex: `JaneDoe.zip`) and submit electronically in the fenix system.

Project A

Consider one of the data competitions on the IEEE DataPort (ieee-dataport.org) in:

<https://ieee-dataport.org/data-competitions>.

Select the competition of your preference and indicate it to the lecturers as soon as possible, and no later than October 24th, 2022.

Project B

Consider one of the challenges for "Sustainability Data Science" in:

<https://sustainlab-group.github.io/sustainbench/docs/datasets/>.

Select the challenge of your preference and indicate it to the lecturers as soon as possible, and no later than October 24th, 2022.

Project C

Consider the projects in Project of Mechatronic Systems:

https://fenix.tecnico.ulisboa.pt/downloadFile/845043405606792/Propostas_PSM_2022-23.pdf

Choose any project that can apply any technique or method related to Intelligent Systems and apply it to the system under study.

Indicate the project of your choice until October 24th, 2022.