[Pre-Lab] Non-regularized regression

Jae Yun JUN KIM*

Due: Before the start of the coming ab session.
Remark:

- Only groups of two or three people accepted (preferably three). Forbidden groups of fewer or larger number of people.

- Do the below tasks in order so that you can work efficiently during the coming two-hour lab session.

- No plagiarism. If plagiarism happens, both the "lender" and the "borrower" will have a zero.

- Code yourself from scratch. No lab work will be considered if you solve the problem using any ML library.

- Do thoroughly all the demanded tasks.

- Study the theory for the questions.

1 Tasks

1.1 Pre-Lab

1) Read the dataset given in the provided file `data_lab1.txt` and plot the output value as a function of the input data.

2) Divide the data into training data (the **first** 70% of total data) and test data (the **last** 30% of total data).

---
*ECE Paris Graduate School of Engineering, 37 quai de Grenelle 75015 Paris, France; jae-yun.jun-kim@ece.fr