Laboratory 3 — Pattern Recognition (EC-416)

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February 12, 2021

Overview

Fit a Curve to the given data using Bayesian Curve Fitting (Maximum Likelihood Estimation - MLE).

Refer Section (1.2.6) of the book Pattern Recognition and Machine Learning by Bishop.

Data

Download the data from this link.

Submission Format

1. You can use either Python 3 or MATLAB/Octave to solve this assignment.

2. This is a programming assignment and nothing needs to be hand written.

3. The code of this assignment must be submitted as a project in a zip file with clear instructions on how to run the main file or it can even be a Jupyter Notebook with clear code + output.