

# Laboratory 5 — Pattern Recognition (EC-416)

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**Overview** Compute the Dirichlet Distribution of the given data and plot the computed Distribution.

Refer Section (2.2.1) 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.