

CM20252 & CM50263 Artificial Intelligence

Coursework: Programming 2

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Date set: 30 March 2020

Date due: 27 April, 20:00

Total marks: 100 (15% of overall unit mark)

Where to submit: CM20252 Moodle page

What to submit: Completed Jupyter notebook (.ipynb file). You will be given a Jupyter notebook to work with. You must follow the instructions on this notebook and submit this particular notebook.

What you need to do: You will build a spam filter using the naïve Bayes classifier. You will be given two data sets, one for training your classifier and one for testing your classifier. In the Jupyter notebook, you will find detailed, precise instructions that will guide you in developing your classifier. This part of the coursework is expected to take about four hours but please note that your personal experience may differ from this estimate.

You are required to work individually. Do not plagiarise. Plagiarism is a serious academic offence. For details on what it is and how to avoid it, please visit the following webpage:

<http://www.bath.ac.uk/library/help/infoguides/plagiarism.html>

How your work will be evaluated

Your work will be automatically marked as per the details in the Jupyter notebook file.

Late submissions

We will follow the university policy on late submissions. Coursework submitted after the deadline will receive a maximum mark of 40 (out of 100). Coursework submitted after five working days will receive a mark of zero.

Feedback

You will be able to see your marks on the Moodle page within two weeks of the submission deadline. You can get additional feedback on your submission from the unit leader or one of the tutors via appointment.