

CA4010 Continuous Assessment

Develop classification experiment(s) with a dataset of your choice, measuring accuracy, and present your *insights* on the result of your classification algorithm.

What should be involved in your work?

- Section 1: Briefly describe your idea, dataset and what you plan to do (max 1 page)
- Section 2: Analyse your data (3 pages)

Use the text book Chapter 2 and focus on section 2.2.1 *or* section 2.22 *or* section 2.2.3. These short sections inform you how to perform a basic analysis on your data to *learn something* that might influence your choice or application of classification algorithm.

- Section 3: Describe your algorithm (max 1 page)
- Section 4: Present your results (3 pages)

Present your results in an objective fashion: how accurate were you?

Present your results in a subjective fashion: in your opinion why do you think you got these results?

Approximate Marking Scheme:

S1. Idea and dataset description (10-15%)
Data Preparation (from the independent learning) (40%)
S3: Algorithm description (5-15%)
S4: Results and Your Analysis (insights!) about what you found (40-50%)

Deliverables: Submit a report (PDF) and dataset to Loop.

Deadline: Sunday 22nd November (end Week 7) at midnight.