

COMP47460 Assignment 1

Guidelines:

1. Answer both questions. Q1 = 50 marks, Q2 = 50 marks.
2. Adhere to recommended page lengths for each question.
3. Submit your report as **one PDF (not DOC/DOCX/ODT/ZIP)**. Include your full name and student ID number in the PDF.
4. Submit via COMP47460 Moodle **by end of Friday November 2nd, 2018**. This is a **hard deadline**, penalties apply for late submission.
5. This is an **individual assignment**. Any evidence of plagiarism will result in a 0 mark.
6. No deadline extensions without proof of extenuating circumstances (i.e. a medical certificate).

Full assignment details on Moodle

20% of COMP47460 grade

COMP47460 Assignment 1

Q1: Use feature selection functionality in Weka to identify informative features on a dataset related to a bank marketing campaign, where the goal is to predict whether or not customers will subscribe to a new service being offered by the bank (“yes” or “no”)

Complete all 3 tasks on the data provided.

You should download your personal dataset file from the URL:

<http://claritytrec.ucd.ie/~alawlor/comp47460/datasets/ml/marketing/<StudentID>.arff>

When downloading the dataset, please ensure your student number is correct. Only use your personal dataset. Submissions using an incorrect dataset will receive a 0 grade.

Q2: Answer 6 theory questions relating to classification and evaluation. Write the answers in your own words.

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20% of COMP47460 grade