IAML – INFR11182 and INFD11005 Semster 2 (LEVEL 11): Assignment #2

Due on Monday, 30 March, 2020 @ 16:00

NO LATE SUBMISSIONS

IMPORTANT INFORMATION

N.B. *This document is best viewed on a screen as it contains a number of (highlighted) clickable hyperlinks.*
It is very important that you read and follow the instructions below to the letter: you will be deducted marks for not adhering to the advice below.

Good Scholarly Practice: Please remember the University requirement as regards all assessed work for credit. Details about this can be found at:

http://web.inf.ed.ac.uk/infweb/admin/policies/academic-misconduct

Specifically, this coursework must be **your own work**. We want you to be able to discuss the class material with each other, but the coursework you submit must be your own work. You are free to form study groups and discuss the **concepts related to, and the high-level approach to,** the coursework. **You may never share code, or share write-ups. It is also not permitted to discuss this coursework on Piazza.** The only exception is that if you believe there is an error in the coursework, you may ask a **private** question to the instructors, and if we feel that the issue is justified, we will send out an announcement.

General Instructions

- This assignment consists of two parts each of which is a self-contained set of tasks. The first deals with the Polish Companies Bankruptcy Database. The second makes use of the King County price dataset. We provide curated versions of each for your

use: **MAKE SURE to use the version asked for in the particular question.** All the data can be found in the Assignment Repository.

- You should use python for implementing your solutions as this will standardise the output and also provide a consistent experience with the labs. Set up your environment as specified in the README file.
- This assignment accounts for 25% of the mark for this course and is graded based on a Jupyter notebook, which you are to submit via Learn (see below). The actual assignment is marked out of 250 and we will normalise this to the required score.
- The criteria on which you will be judged include the functional code, and the quality of the textual answers and/or any plots asked for.
- Read the instructions carefully, answering what is required and only that. Keep your answers brief and concise.
- For answers involving figures, make sure to clearly label your plots and provide legends where necessary. You will be penalised if the visualisations are not clear.
- For answers involving numerical values, use correct units where appropriate and format floating point values to a reasonable number of decimal places.

Submission Mechanics

Important: ***You must submit this assignment by Monday 30/03/2020 at 16:00. We do not accept Late Submissions for this coursework, except in the case of mitigating circumstances. Please refer to the ITO Website for further details.***

- We will use the Learn submission system for uploading Jupyter notebook assignments, similar to the process employed in Assignment 1.
- You should clone or download the Assignment Repository from https://github.com/davidcsterratt/IAML2019-SEM2-Assignment2. Apart from a copy of these instructions, this contains:

  1. The `Assignment2.ipynb` notebook, which contains the questions and spaces for answers.
  2. The data you will need for the assignment under the `datasets` directory.