Coursework

The coursework is due on 15/12/2023 unless extensions have been applied for through the student information point. The folder contains a notebook. You are to answer the questions posed in the notebook with running code as evidence for you answers. Please use text cells in jupyter notebooks to answer questions and explain/justify your code/model design choices. Submissions in any form other than jupyter notebooks will NOT be accepted.

 Incorrect submissions or corrupted files will receive an automatic mark of 0, we will not come back to you to notify you of any problems. Please follow the guidance on testing your submission below.

Instructions: Read carefully and check before you submit

1. Your notebook and all files that are necessary to run should be packed in a single tar file.
2. You should not compress this tar file. In particular, do not use proprietary compression software like winrar. **Do not compress your tar file.**
3. We will untar the file in a single directory. All files that the notebook requires should be present in the same directory after we untar. You should check very carefully if no path dependencies are present in your final submission.
4. When we run the notebook, it must run through from beginning to end. You will receive 0 marks for any questions or subquestions where the notebook fails. **This means that all the test and training datasets must be present in your submission.**
5. You should create the 'tar archive' once you have ensured that all files are present and the notebook runs through. The command for this is: '**tar cvf <student_id>_coursework.tar directory_name'.** <student_id> should be your student_id so an example of a valid archive name is **sc11ed_coursework.tar.**
6. Submit this tar file through Minerva.

To test your submission we recommend you use the following procedure:

1. Create a dedicated directory where you place the notebook and all files necessary to run the notebook. Do not create any further directories inside notebook.
2. Type 'jupyter notebook' inside the dedicated directory. The notebook should appear in your browser. There is a top-level menu inside the notebook, one of the options is 'Kernel'. Select that and from the options select 'Restart & Run All'. Your notebook should run from beginning to end without generating errors. If there are errors, fix them.
3. Once the notebook runs through, move one directory level up, then from there use the tar command to create an archive: **tar cvf <student_id>_coursework.tar directory_name'.**
4. If you want to be really careful, copy the tar file to a completely different directory and untar. This will create a new directory containing all your files and you should run the notebook from your new directory. This is a good test to ensure that you've removed all path dependencies that you might have left in. Your tar file should be good to submit.
5. Download your submitted files from Minerva and see if they are not corrupted. If they are, create a new submission.