**Problem set 8 submission checklist and plagiarism statement**

Please fill in the submission checklist, sign the plagiarism statement below and submit this document on Moodle through the summative submission portal (one submission per group).

Your work will only be treated as submitted if you have done all the following:

1. Submit your answer (.md, .py and .ipynb files) via GitHub

2. Submit this document via Moodle

**Submission checklist**

Before you submit your work, please ensure that your submission fulfils the following requirements:

|  |  |
| --- | --- |
| Address all the relevant action points from the feedback for problem set 5 |  |
| All the required functions have an abstract docstring that includes a short description of what the function is for, pre-conditions of the arguments and guarantee of the behaviour and return values of the function |  |
| All the modules have an abstract docstring |  |
| No built-in functions (including methods), types, operators and other functionalities that are not covered or demonstrated in the course are used |  |
| No unauthorised modules are used |  |
| Tests are “automated” with the use of assert statements, and each assertion statement has an error message |  |
| Test cases are selected following the guidance provided in the course. For example, useful partitions and boundary cases are used |  |
| All variable, and function names are descriptive and meaningful |  |
| No generic variable names like a, b, c, i, j, x, y that are not descriptive |  |
| The naming convention of the course is followed (e.g. variable and function names in the form of lowercase\_linked\_by\_underscore) |  |
| Indentation is 4 spaces for one level |  |
| My group mates have read the code and find it easy to read and easy to understand |  |
| There is no unnecessary code, for example, comment-out code, unnecessary printout, or testing code in the files that are supposed to be used as modules |  |
| No copy-and-pasting code |  |
| Not modifying global variables inside the local scope |  |
| Not using built-in types or functions (e.g. int, sum) as variable names |  |
| Relative paths are used when loading data |  |
| Vectorised operators are used for questions involving NumPy and Pandas, with minimal use of loops |  |
| Assertion is used to check the internal logic of the code |  |
| Textual questions are answered, either in .md files or using markdown cells in Jupyter Notebook |  |
| Code in the Jupyter Notebook has been run, and the results are shown as required |  |
| Candidate numbers are filled in the README.md file |  |
| Checked that the correct version of the coursework answers has been submitted to GitHub by visiting https://github.com/lse-st101/2023a-[coursework name]-[your GitHub account name] |  |

(please continue on the next page)

**Plagiarism statement**

Plagiarism is an examination offence and carries heavy penalties.

I declare that this submission is 100% our group’s work without any help from AI tools and contains no plagiarism. I have read and understood the plagiarism policy for this coursework stated in the instructions in the README.md file and the [school policy on plagiarism](https://www.lse.ac.uk/social-policy/Current-Students/Plagiarism)).

5-digit candidate numbers of all members (NOT student ID):

* \_\_\_\_\_\_\_
* \_\_\_\_\_\_\_
* \_\_\_\_\_\_\_
* \_\_\_\_\_\_\_

Your GitHub link to the coursework (it should be in the form https://github.com/lse-st101/2023a-[coursework name]-[your GitHub account name]):

* \_\_\_\_\_\_\_

Only the GitHub link listed above will be marked.