



Assessed Coursework

Course Name	Interactive Systems (H)			
Coursework Number	5 (of 5) – AE2 Typing Data Analysis			
Deadline	Time:	18.30	Date:	3 December 2021
% Contribution to final course mark	20		This should take at most this many hours:	12
Solo or Group <input checked="" type="checkbox"/>	Solo	<input checked="" type="checkbox"/>	Group	<input type="checkbox"/>
Submission Instructions	Via Moodle – see last page			
Who Will Mark This? <input checked="" type="checkbox"/>	Lecturer <input checked="" type="checkbox"/>	Tutor <input checked="" type="checkbox"/>	Other	
Feedback Type? <input checked="" type="checkbox"/>	Written <input checked="" type="checkbox"/>	Oral	Both	
Individual or Generic? <input checked="" type="checkbox"/>	Generic	Individual <input checked="" type="checkbox"/>	Both	
Other Feedback Notes				

Code of Assessment Rules for Coursework Submission

Deadlines for the submission of coursework which is to be formally assessed will be published in course documentation, and work which is submitted later than the deadline will be subject to penalty as set out below. The primary grade and secondary band awarded for coursework which is submitted after the published deadline will be calculated as follows:

- (i) in respect of work submitted not more than five working days after the deadline
 - a. the work will be assessed in the usual way;
 - b. the primary grade and secondary band so determined will then be reduced by two secondary bands for each working day (or part of a working day) the work was submitted late.
- (ii) work submitted more than five working days after the deadline will be awarded Grade H.

Penalties for late submission of coursework will not be imposed if good cause is established for the late submission. You should submit documents supporting good cause via MyCampus.

Penalty for non-adherence to Submission Instructions is 2 bands

Marking Criteria

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Interactive Systems (H)

AE2: Typing Data Analysis (20%)

Assessed Exercise 2

AE2 for IS(H) will involve analysing data from a real scientific data set – the typing data discussed in the first lecture and throughout the course. The original paper is linked on Moodle, and is week 9's required reading.

Download the Jupyter Notebook file from moodle, and work through the instructions. It has been tested with python 3.8.5. Please ask your tutors for help if you are having trouble with setup etc.

You will recreate analysis on performance metrics from the original study in Part 1, and then design a novel analysis of your own in Part 2.

Part 1a is already completed for you, as a sample solution to help illustrate the task. You can use any type of data processing or visualisation in Jupyter for this exercise. The sample in 1a uses pandas and Seaborn, and provides a general structure which you could use for your solutions for remaining parts 1b-1f.

The marking breakdown is explained within the Notebook file. AE2 overall is worth 20% of the course grade.

You can work on the exercise during your lab sessions, but unlike AE1, **AE2 is a solo assessment**. As such, you should be aware of and follow the School's plagiarism policy, as contained in Appendix A of the Undergraduate Class Guide (available at <https://moodle.gla.ac.uk/course/view.php?id=21505>).

You can still use your Teams chats to coordinate online lab weeks, but **DO NOT SHARE any results or code**.

How to submit

For this week's submission, export a pdf document on your Notebook file. Ensure that it is readable – text wrapped at the end of lines and longer lines not cut off, etc.

You should submit **both**:

- **the pdf document**
- **AND the .ipynb Notebook file**

via the "**Assessed Exercise 2**" submission icon in Week 9 of the Moodle page for the course.

If you have used any external sources, be sure to acknowledge them in your submission. For reference, the School's plagiarism policy is referenced above.

This work is worth 20% of the overall assessment of the course. The deadline for submission is **Friday 3 December at 18.30**.