

MA930 – Homework 2

Please note: These guidelines are for the second homework assignment, due by 5pm on Friday 27th October 2023. The first homework assignment is due earlier than this, and can be found in another document!

For this assignment, I would like you to please do the following:

1. Find a real-world dataset.
2. Conduct an analysis of the data using (at least) one of the techniques that you have learnt in MA930.
3. Write a report (max. 2 A4 pages) about the analysis you have done. You might like to split the report into 4 sections: i) Background; ii) Dataset; iii) Analysis; iv) Conclusions.

This is an opportunity to be creative and apply a technique you have learnt to a real-world dataset of your choice. Marks will be given for demonstrating a clear understanding of the chosen method and applying it correctly – so a report involving conducting a simple analysis and presenting it clearly (including drawing clear conclusions from the analysis) will be awarded a higher mark than a report in which a more complex method is applied but is explained less clearly.

Please attach the dataset you have chosen, and a copy of your computing code (or a link to somewhere where I can find the code), as an Appendix (in the same document, but not included within the 2 page limit!) In general, you are welcome to use appendices to provide additional information, and appendices are not included in the page limit.

As this homework is assessed then this should be a new piece of work (i.e. not an analysis that you have done before, including anything you have submitted for any previous qualification).

Please submit this work through the module webpage.

I hope the above is all clear, but as always, if you have any questions, then do not hesitate to ask.