

Submission Deadline : By 5pm on Friday 1 November 2019.

Information on Your Project

You have a choice :

1. Choose a topic that interests you. Present your ideas to me in week beginning 7 October. Then find references and collect your own data. You must not have previously analysed the data and the work should be all your own
2. Select one of the topics (and associated data sets from the list that will be released on Canvas on Tuesday 1 October). This would be a starting point and you can collect further data.

Final Project Submission

This should be in two parts:

1. Research Paper
This should be a version suitable for possible publication. Your paper should be a maximum of 4 pages long and be no shorter than 3.5 pages. (Excluding your references, tables, graphs, appendix; but including your abstract).
2. Full Results/Output
This should include full information on your project and can be any length and includes all appropriate graphs, tables and output.

Both should be submitted electronically via the links on Canvas

Format of the Research Paper

Use minimum 11 font size, minimum 1.5 space and 1.5cm margins.

Structure:

There should be the following sections in your research paper.

1. **Abstract:**
This should be a very brief explanation of your research paper (around 150 words). It normally includes information about the issue, why you are interested in that issue, your method/model, analysis results, discussions and conclusions.
2. **Background (or Introduction):**
This section should explain the topic, why it is important, and how you approach the issue

3. **Data:**
Explain your dataset and how the data was collected – e.g. your sampling strategy or information given by the project information.
4. **Methodology:**
This section explains the statistical methods and/or your model. It is also a common practice to present the statistical model structure (i.e. equation) here as well.
5. **Results:**
Present both your informal and formal analyses.
6. **Conclusion/Discussion:**
You need to conclude your project, discuss the results, discuss any reservations that you have about the study and list any future work.

CAH
30/09/19

Marking Scheme

Presentation	(10)
Abstract	(10)
Background & Data	(15)
Methodology	(15)
Results	(20)
Conclusions	(15)
Above and beyond	(15)

100

Note: Work which is submitted for assessment must be your own work. All students should note that the University has a formal policy on plagiarism which can be found at

<http://www.plagiarism.stir.ac.uk/documents/BookofPlagiarism.pdf>