



Homework Week 2

This week's homework will be purely Project based. You need to work as a group and the homework will be submitted by one of the members of your group. List the other members of your group in the document, so that your instructor can mark every student.

Question 1 [20 points]

What is your project question(s) and the problem it tackles?

- You will be marked on how realistic the problem is given the project timeline, as well as the fit with the subjects covered throughout the Data Specialisation and your personal, common interests in the topic.

Question 2 [20 points]

Explain your target audience. Who could be interested in reading your final report and for whom will your project be useful? Assess the level of expertise in relation to data science of your audience (for example, how technical should your report/presentation be?).

- You will be marked on correctly identifying your audience and the technical level of your presentation and report.

Question 3 [30 points]

What data sources will you need to answer your project question(s)? Describe any potential issues you can have with the datasets and how will you overcome this:

- For example, will the data you find only cover particular geographical areas? Will you need to combine multiple datasets to overcome this?

Question 4 [30 points]

Describe the team approach to the project work:

- how are you planning to distribute the workload and how are you planning to work on your project;
- what are your team's strengths and weaknesses;
- how are you managing your code;
- include an expected timeline of the project;