

*Do I need to write code for my final project? Can I use code I find on the web?*

You should write some code for your project – for example, a final project that only involves reading papers is not suitable for 5112. However, the amount of code you write could be relatively small.

You do not need to implement any algorithms, though you are welcome to do so. You can freely use any code you find on the web, or implement an algorithm based on pseudocode you find. (If you do this, please be sure to cite the source in your final report.)

*What should go into the progress report?*

For the progress report, you should describe how far you have gotten on your idea. In general, at this point we would expect that you would have read some papers, looked at some data and algorithms, and perhaps written some code. You should also describe any obstacles you have encountered.

The format is the same as for the proposal – one Google slide per project.

*What should go into the final paper?*

More details will be provided closer to the due date, but you should summarize what algorithms and data you investigated, what code you wrote, what experiments you did and what the data showed. There will be no required formatting, but you will need to have clearly marked sections for each of these topics.

*What should go into the final presentation video?*

The video will be graded on content not on presentation – do not spend significant time or effort making it look beautiful. You should present the project idea, what you did, what your results are, and what the take-home lessons might be. Feel free to show off your results visually with charts or pictures.

*Do I need to use a realistic data set from an application, or can I just make up something plausible?*

You do not need to use a realistic data set, you can make up something plausible. An example of a bad data set would be to assume your input is completely random.

*How will projects be graded?*

The final presentation and written report will be given letter grades. The initial and checkpoint presentations will be graded S/U (satisfactory or not).