Research Report (50 marks)

1. **Abstract (5 marks)**

2. **Introduction (5 marks)**: What is the problem you're trying to solve, and why is it interesting or important?

3. **Related Work (5 marks)**: Briefly summarize relevant prior work. What is the source of novelty in your project? This could be its own section, or a part of the introduction.

4. **Data (5 marks)**: Describe basic statistics and properties of the dataset. Provide relevant exploratory analyses. Any figures/tables should be visually appealing and easy to understand.

5. **Models (5 marks)**: Describe the models you used and the experiments you ran.

6. **Results (10 marks)**: Present and describe your results and analyses. Any figures/tables should be visually appealing and easy to understand.

7. **Discussion (10 marks)**: Interpret your results. Are they consistent with literature findings or intuition from domain knowledge? Why did some models perform better than others? Discuss limitations and future work.

8. **Attributions (0 marks)**: If you are working in a group of 2 or 3, your report should contain a short section at the end stating that all group members contributed equally, and describing the contributions of each group member. You do not need to include this section if you are working alone. This section does not count towards the page limit.

9. **Language (5 marks)**: Your report should be written as a formal academic article. There should be no slang or jargon. Any claims you make should either be common knowledge (i.e. something we learnt in the course), supported by a citation, or supported by your data/results. There should be no spelling or grammar mistakes.

Possible additional penalties for:

- Omitting the attributions section

- Surpassing the page limit

- Report not typeset in LaTeX

- Lack of a bibliography

- Poor report organization

- Major formatting issues