**Report Title**

# Introduction

The abstract must be no longer than 1 page. This section should introduce and describe the problem that you are solving, why it is important and potential uses for it. Then introduce what you are aiming to do in this coursework and what you aim to find out.

# Data and Preparation

Introduce the requirements of any data to investigate the problem that you are aiming to solve. Describe the content of the dataset and describe your data preparation steps, including the testing and training splits.

# Methodology

Introduce your overall methodology for investigating this problem. Describe the model training and evaluation methods used, including your reasons for choosing the models. You should briefly describe each method but you do not need to give a detailed technical description.

# Results

Present the results of each of your models, with an interpretation of the results for each model and a comparison of the results between models. Include any key observations of the results.

# Conclusion

Identify the model that you would recommend for use with your problem and justify your reasoning. Consider the benefits and limitations of the model chosen, and any avenues for further research that should be considered.