Title of the Mini Project

(group number and name here)

First Author (student ID)   Second Author (student ID)
Third Author (student ID)

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Abstract

Write an abstract of approximately 200 words.

The overall length of your report in this format should be 6–8 pages, including images, references and everything, in the format of this template. You can choose to use any document template and typesetting facility as long as you submit your report as a PDF file. Use of figures and tables is strongly encouraged!

The breakdown of the total 30 points of the mini project is shown below for all sections of the report. However, points will be given only for project reports that are complete, i.e. they have relevant content in all sections. Minimum of 10 points are required for passing the course.

The reports will be evaluated using the Turnitin plagiarism prevention tool to ensure that the reports are genuine work written for this course.

(1 point)

1   Introduction

Describe the machine learning problem you have addressed in your mini project, your applied method and used data in general terms.
(2 points)

2   Related work

Give a brief literature survey on the prior works and state of the art in the problem setting and the methods people have earlier applied for solving it.
(2 points)

3   Method

Describe your chosen solution in sufficient detail. Pay special attention to describing the deep learning algorithm(s) you used. Show some essential equations and describe all hyperparameters that are involved in the method.

(3 points)

4   Data

Tell where the data is from, what it contains, the number of samples in training, validation and test sets, the dimensional, etc. Also describe the preprocessing stages applied by the providers of the data or by you yourselves.
(3 points)

5   Experiments

Explain the goal and implementation of your experiments. Tell what hyperparameters values you experimented with and what other variations in the method you tested.
(5 points)

6   Results

Give the results of your experiments in a table and explain them in the text. Some figures would be good here for illustration. Refer to the table(s) and image(s) in the text and describe them.
(5 points)

7   Discussion

Discuss your results in comparison with comparable results your have found in the literature and web. Explain any other findings you made while running the experiments.
(4 points)

8   Conclusions

Give your final conclusions from the whole mini project and its results.
(3 points)

9   References

Most likely between 5–10 references to related works and results.
(2 points)

10   Roles of the authors

If you have more than one member in your mini project group, you need to explain in this section how the labor was divided between you and what were each one's roles in the project and its reporting.