YOUR THESIS TITLE

by

Your Name

Submitted in partial fulfillment of the requirements
for the degree of Master of Computer Science

at

Dalhousie University
Halifax, Nova Scotia
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Dedicated to someone if you want.

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Abstract

This is your abstract.

List of Abbreviations Used

Acronyms

ML   Machine Learning

Acknowledgements

You acknowledgements.

Chapter 1

Introduction

This is your introduction. This is the new line command:

A newline

This is the percentage sign: %, 50%.

For inserting special symbols in Latex, e.g. math, Roman letters, etc., check out this document: https://www.cmor-faculty.rice.edu/~heinken/latex/symbols.pdf to find the commands for the symbols you need, i.e. Ω, λ, write the symbol between two dollar signs.

Chapter 2

Background and Related Works

2.1 Section

2.1.1 Subsection

Subsubsection

2.2 Citations

This is an example of the in-text cictaion [1], please check the thesis.bib file to find out how to add and use references.

2.3 Lists

Here's two kinds of lists, see more https://www.overleaf.com/learn/latex/Lists.

1. Lorem ipsum dolor sit amet.

2. Lorem ipsum dolor sit amet.

3. Lorem ipsum dolor sit amet.

- Lorem ipsum dolor sit amet.

- Lorem ipsum dolor sit amet.

- Lorem ipsum dolor sit amet.

2.4 Tables

These online tools can help you to generate a table: https://www.tablesgenerator.com/, https://www.latex-tables.com/, https://tableconvert.com/latex-generator.

See more table tutorial: https://www.overleaf.com/learn/latex/Tables

You can cite this table, Table 2.1.

Table 2.1: Table title

Date	Time	Temperature	Pressure	Humidity	Label	Type
31-Mar-19	12:36:52	31.788508	1.035	32.036579	0	normal
31-Mar-19	12:36:53	41.630997	1.035	30.886165	0	normal

2.5 Figures

Upload your pictures to the images folder. This is a Figure 2.1:
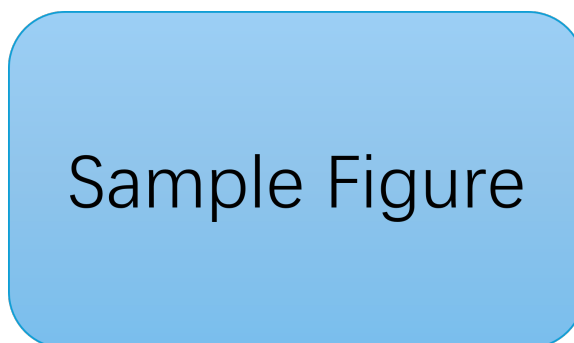

Figure 2.1: Figure Title

(a) Subfigure 1   (b) Subfigure 2

Figure 2.2: Figure Title

2.6   Formulas or Equations

Here's a latex formula generator: https://latexeditor.lagrida.com/, you can also use AI tools (ChatGPT) to help you.

$$TP = \text{True Positives}$$
$$FP = \text{False Positives}$$
$$TN = \text{True Negatives}$$
$$FN = \text{False Negatives}$$

$$
\begin{aligned}
Accuracy &= \frac{TP + TN}{TP + TN + FP + FN} & (2.1)\\
Precision &= \frac{TP}{TP + FP} & (2.2)\\
Recall &= \frac{TP}{TP + FN} & (2.3)\\
F1\ Score &= 2 \times \frac{Precision \times Recall}{Precision + Recall} & (2.4)
\end{aligned}
$$

2.7   Code

You can insert code, see: https://www.overleaf.com/learn/latex/Code_listing

Listing 2.1: Python example

```python
def my_function():
    print("Hello World")
```

```python
def my_function():
    print("Hello World")
```

Chapter 3

Methodology

Chapter 4

Experimental Setup and Results

Chapter 5

Discussion

Chapter 6

Conclusion

Bibliography

[1] K. He, X. Zhang, S. Ren, and J. Sun, "Deep residual learning for image recognition," in *Proceedings of the IEEE conference on computer vision and pattern recognition*, pp. 770–778, 2016.

Appendix A

Appendix Chapter

A.1 First Appendix