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Title of Thesis

Name of Author

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Abstract

Abstract goes here.

Acknowledgements

I would like to express my gratitude to my thesis advisor ...

All this project could not be done without the help ...

I must express my profound gratitude to my parents ...

Finally, I must thank all my friends and especially ...

Dedication

The thesis is dedicated to my ...

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Chapter 1

Introduction

In the following paragraphs of this introduction, ...

1.1 Problem Statement

Write here.

1.2 State-of-the-Art

Write here.

1.3 The Proposed Methodology

Write here.

1.4 Thesis Outline

This thesis has been organized into seven chapters. This section outlines the description of each chapter:

- In Chapter 2, we expose the fundamentals of ...
- In Chapter 3, we review in detail the state-of-the-art related to ...
- In Chapter 4, we present the methodology ...
- In Chapter 5, we describe ...
- In Chapter 6, we expose our final conclusions with future work possibilities.

Chapter 2

Background

This chapter has the objective to introduce the methods we apply in this thesis.

2.1 Machine Learning

Write here.

2.2 Deep Learning

Write here.

Chapter 3

Literature Review

In this chapter, a variety of methods that deal with the problem of carotid ultrasound classification is exposed. Most of these methods have been designed to distinguish symptomatic from asymptomatic plaques.

3.1 Introduction

Write here.

3.2 Overview

Write here.

Chapter 4

Methodology

This chapter presents the methodology which is based on ...

4.1 Introduction

Write here.

4.2 Methodology

Write here.

Chapter 5

Experiments and Results

In this chapter, the experiments are presented and the obtained results are interpreted.

5.1 Data

Write here.

5.2 Implementation Tools

The development of the methodology was implemented in ...

5.3 Experiments

Write here.

5.4 Results

Write here.

Chapter 6

Conclusion

This chapter presents the conclusions of this thesis along with the advantages, disadvantages, and limitations of the methods. Future extensions and research are also included.

6.1 Summary of Thesis Achievements

Write here.

6.2 Future Work

Write here.

Bibliography