Computational Science and Engineering
(International Master's Program)

Technische Universität München

Master's Thesis

Out of Distribution detection for Medical Applications

Abinav Ravi Venkatakrishnan

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I hereby declare that this thesis is entirely the result of my own work except where otherwise indicated. I have only used the resources given in the list of references.

April 1st, 2020 Abinav Ravi Venkatakrishnan

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"People sometimes ask me if it is a sin in the Church of Emacs to use vi. Using a free version of vi is not a sin; it is a penance. So happy hacking"

-Richard Stallman

Abstract

A patient scan is very

Some more great abstract tips can be found here: Great Abstract tips This document will serve as an example to you, of how to use LaTeXto write your CSE Master's Thesis. It will have examples and recomendations, and hopefully a few laughs. Because this is the abstract, it will have to convince you that this template is something you want to use. It has been proven, that without using this template, writing your thesis will be much more dificult. The template is based on previous work, and has been improved apon and updated. The result of this template is a modern latex template that everyone can contribute to and use for their studies of CSE @ TUM.

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Introduction and Background Theory

0.1. Introduction

The term Artificial Intelligence(AI) describes the imitation of human intelligence in various tasks of learning where the agent acquires rules and information for using the information, reasoning and self correction. It can also be described as the process by which an agent perceives the environment and takes actions that optmizes the chance of achieving the goals. Sir Alan Turing, in his article titled ”Computing machinery and Intelligence” poses a very important question of whether machines can think. He then proceeds to give a Turing test to describe a satisfactory definition of intelligence. This test in essence describes an agent to be intelligent if it passes the turing test if it answers questions from a human interrogator and the human cannot distinguish if the answer is written by a human or by AI agent

0.2. Introduction

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Part II.

Body: What Was Done for the Thesis

Part III.

Results and Conclusion

Appendix

A. Detailed Descriptions

Bibliography