

TESTING MACHINE LEARNING ALGORITHMS WITHOUT ORACLE

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Abstract here

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Chapter 2

Literature Review

2.1 Testing Without Oracles

2.2 Metamorphic Testing

2.3 Overview of Machine Learning Algorithms

2.4 Testing Machine Learning Programs

Chapter 3

Proposed Work

3.1 Setting up the Test Environment

3.1.1 Docker

For replication of results. Image can be downloaded from dockerhub. Attached volume for persisting data.

3.1.2 Jupyter

3.1.3 Tensorflow

3.2 Selection of Implementations to Test

Chapter 4

Work Plan

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