

Directed Study Report  
CSE4DIR

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# Directed Study Report

## 1.1 Introduction

In this section I'll:

- Give a quick introduction to the report
- Discuss what my project is
- Discuss why I needed this subject (to obtain benchmarks and build the framework). I won't be explicit in saying "why I needed this subject" though.

### 1.1.1 Environment

State the environment - (Ubuntu, docker, tensorflow etc.)

## 1.2 Framework

A description of the framework heirarchy. I'll give a simple diagram of the file-structure/python modules in the project, then explain roughly what everything is responsible for.

## 1.3 Training Procedure and Metrics

Here I'll explain how I trained each of the models (the stuff that's consistent between them), and give an introduction to some terms, and explain the metrics I used.

## 1.4 Benchmark Experiments and Results

I'll put a short introduction to the results here,

### 1.4.1 Experiment 1

(These will actually have names, not just experiment 1, 2, ...)

### **1.4.2 Experiment 2**

### **1.4.3 Experiment 3**

## **1.5 Summary**

Summarise the experiment results and what impact they have on my project, summarise the work that I've done and where it leaves me with regards to the second semester and the "actual work".