MPhys Project
Report

My Lovely Report

Submitted by
candidate number 10000

Department of Physics & Astronomy
University of Sussex

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Abstract

The abstract will probably be the last thing I write. It will be two or three sentences long.

Contents

List of Figures

Chapter 1

Introduction

This is my introduction. I might want to reference some things I have read for example Pythia 8 [1].

You can make things as `plain` or *fancy* as you like, and there are ways to place **emphasis** and to write notes to yourself.

Chapter 2

Background

Background chapter for all the interesting stuff you found out.
In case you want lists, here are three kinds:

- do
- ray
- me

1. do
2. ray
3. me

do a deer, a female deer

ray a drop of golden sun

me a name I call myself

2.1 Physics

Physics stuff goes here.

2.2 Monte Carlo

Stuff about generators goes here.

2.3 Machine Learning

Stuff about machine learning goes here.

Chapter 3

Results

In the results section you will want to include figures and reference them all in the order in which you place them. For example I would like to reference Figure 3.1 before I reference Figure 3.2. Notice that Figure 3.2 has two subfigures: 3.2(a) and 3.2(b).

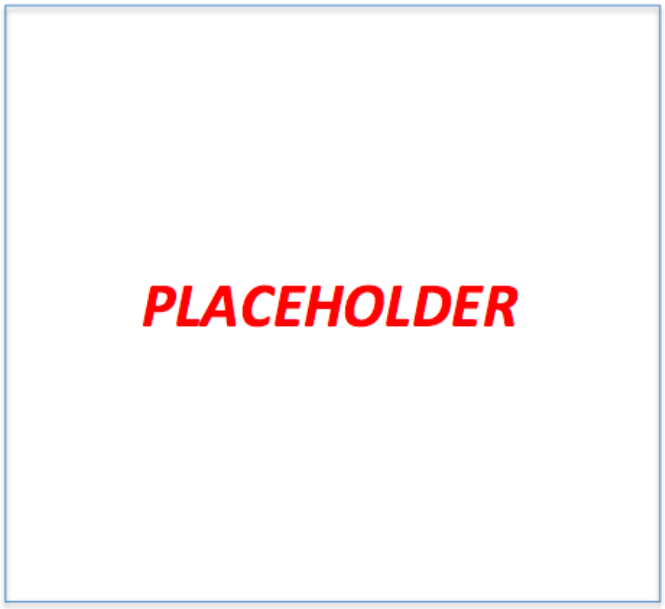

Figure 3.1: Caption for figure.

(a) this caption (b) that caption

Figure 3.2: Caption for another figure.

Chapter 4

Conclusion

Conclusions and recommendations for future work go here.

Bibliography

[1] Torbjorn Sjostrand, Stephen Mrenna, and Peter Z. Skands. A Brief Introduction to PYTHIA 8.1. *Comput. Phys. Commun.*, 178:852–867, 2008.