



MSC. DATA SCIENCE & ARTIFICIAL INTELLIGENCE

M1 INTERNSHIP

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Report

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Contents

1	Introduction	1
A	Weekly task record	3

Chapter 1

Introduction

Appendix A

Weekly task record

Week 1 Laptop set up & installation.

Week 2 Get familiar with MacData and SmartData projects and their managers. First contact with production lines data.

Week 3 Visit of the production line.
Begin working on the first Business Intelligence (BI) newsletter.
Natural Language Processing (NLP) analysis of defect comments (initial version with Latent Dirichlet Allocation (LDA)).

Week 4 Python Dash dashboard for capsule production line data visualization.

Week 5 Continue Python Dash dashboard.
NLP analysis of defect comments, continued (version with BERT).

Week 6

Week 7

Week 8

Week 9

Week 10

Week 11

Week 12

Week 13

Week 14