

# Python for Data Science

N. Ceylan

April 22, 2019

## Abstract

In this experiment we studied a very important physical effect by measuring the

- 1 Introduction and Course Information**
- 2 Week 1: Getting Started with Data Science**
- 3 Week 2: (Optional) Background in Python and Unix**
- 4 Week 3 - Jupyter Notebooks and Numpy**
- 5 Week 4 - Pandas**
- 6 Week 5 - Data Visualization**
- 7 Week 6 - Mini Project Week**
- 8 Week 7 - Introduction to Machine Learning**
- 9 Week 8 - Working with Text and Databases**
- 10 Week 9 - Final Project Part 1**
- 11 Week 10 - Final Project Part 2**

## References

- [1] A. C. Melissinos and J. Napolitano, *Experiments in Modern Physics*, (Academic Press, New York, 2003).