**Course Outline**

Learning Outcomes

1. Learn the basic concepts in machine learning.

2. Acquire the skills for financial data forecasting using machine learning.

3. Acquire the skills for sentiment analysis using natural language processing.

4. Learn how to find recent AI developments, and present the findings to an audience.

5. Appreciate the great power and potential of machine learning.

Study Load

• Lectures (12 hours)

• Tutorials (8 hours)

• Reading Assignments (7 hours)

• Written Assignments (7 hours)

• Preparation for Presentation (6 hours)

• Revision for the quiz (10 hours)

Assessments

• Written Essay (40%)

• Presentation (40%)

• Quiz (20%)