

# Collegio Carlo Alberto

UNIVERSITÀ DEGLI STUDI DI TORINO

## Financial Applications of Unsupervised Machine Learning Gabriele D'Acunto (I.S.I. Foundation)

### Course objectives

The purpose of the course is to provide students with a concrete example of possible applications of Unsupervised Machine Learning in the financial world. To this end, the course focuses on case studies implemented in Python.

### Prerequisites

- Basic knowledge of Machine Learning
- Familiarity with Python programming language

### Course material

Lecture notes and references will be shared during the course.

### About the lecturer

Gabriele D'Acunto is researcher in Applied Data Science at I.S.I. Foundation, with a focus on finance and insurance.

After Master Degree in Physics of Complex Systems, he specialized in Machine Learning. During the working experience, Gabriele D'Acunto held the role of Financial Data Scientist at Fondaco SGR as well.