



4 Courses

Introduction to Portfolio
Construction and Analysis
with Python

Advanced Portfolio
Construction and Analysis
with Python

Python and Machine
Learning for Asset
Management

Python and Machine-
Learning for Asset
Management with
Alternative Data Sets



Dec 19, 2025

Yongxiang Zhou

has successfully completed the online, non-credit Specialization

Investment Management with Python and Machine Learning

The Data Science and Machine Learning for Asset Management Specialization has been designed to deliver a broad and comprehensive introduction to modern methods in Investment Management, with a particular emphasis on the use of data science and machine learning techniques to improve investment decisions. By the end of this specialization, the student will have acquired the tools required for making sound investment decisions, with an emphasis not only on the foundational theory and underlying concepts, but also on practical applications and implementation with an emphasis on the hands-on implementation of those ideas in the Python programming language through a series of dedicated lab sessions.

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

John Mulvey
Professor
Operations Research
and Financial
Engineering
Department
Bendheim Centre for
Finance
Princeton University

Claudia Carrone
Digital Learning
Consultant /
Instructional Designer
PILab

Vijay Vaidyanathan, PhD
CEO
Optimal Asset
Management Inc.

Gideon OZIK
Founder and managing
partner of MKT
MediaStats
Data science and
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Sean McOwen
Quantitative Analyst
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