



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



May 5, 2024

**Arsen Tagibekov**

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  
financial economics

Sean McOwen  
Quantitative Analyst  
74 Capital Management  
BOSTON

Verify this certificate at:

<https://coursera.org/verify/specialization/JBLDQJV6YAXP>