



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.



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