EDHEC-RISK Institute | *Make an impact*

STAY AHEAD OF THE CURVE

Explore the fundamentals of machine learning applied to investment management with EDHEC-Risk online programme!

What is the very **starting point** of this programme?

Data science is revolutionizing the asset-management industry, but financial professionals trained in machine learning are rare and very much sought after.

EDHEC-RISK Institute

EDHEC Business School's leading **academic think-tank** in the area of **investment solutions.**

Teaming up with **Coursera** to **expand international thought leadership.**

coursera

A **world leader** in **online training:** 40 million learners in 2019.

Teaming up with **EDHEC Business School** to apply the following motto: to **give learners access** to **the world's best learning experience.**

The Investment Management with **Python** and **Machine Learning** program

will allow learners to unlock the power of machine learning in asset management.

This highly **innovative programme**

has been designed by **Professor Lionel Martellini, Director of EDHEC-Risk Institute** in collaboration with **global thought leaders** from **EDHEC Business School, Princeton University** and the **finance industry.**

PROFESSOR LIONEL MARTELLINI
EDHEC-RISK INSTITUTE, DIRECTOR

VIJAY VAIDYANATHAN
PHD, EDHEC RESEARCH ASSOCIATE
CEO OPTIMAL, CALIFORNIA

PROFESSOR JOHN MULVEY BENDHEIM
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PROFESSOR GIDEON OZIK
PHD, EDHEC RESEARCH ASSOCIATE
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BOSTON

SEAN MCOWEN
QUANTITATIVE ANALYST
74 CAPITAL MANAGEMENT, BOSTON

The programme: **4 MOOCs**

Each MOOC leads to a Certificate and can be taken independently

01
Introduction to portfolio construction and analysis with Python

02
Advanced portfolio construction and analysis with Python

03
Python Machine Learning for Investment Management

04
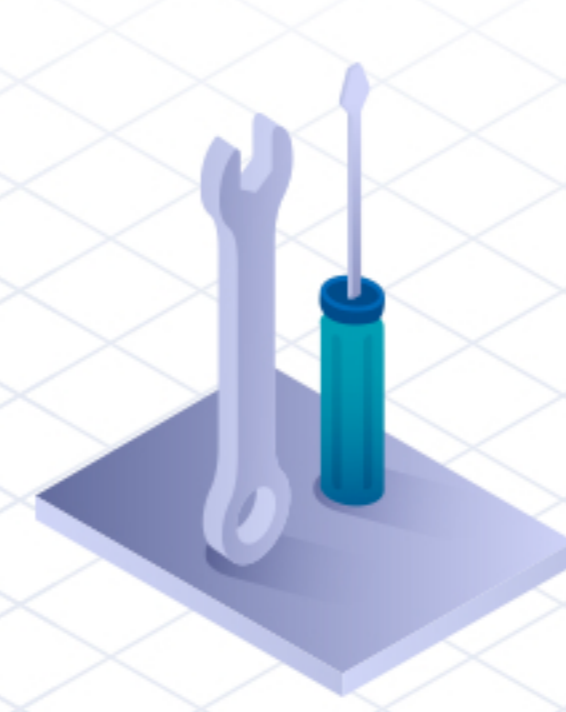Python Machine Learning for Investment Management with Alternative Datasets

Benefits for **participants**:

A solid foundation in **data science** and the **methods of calculation** used in the **investment sector**

The **tools** they need to **design** and **implement effective investment strategies**

The chance to tap into a broad **community of learners** with a **rich diversity** of backgrounds and cultures

A **certificate of specialization** for completing all four MOOCs

> *We expect that the use of machine learning techniques, and their application to big new data sets, will profoundly impact all dimensions of the investment management process, including security selection, portfolio construction as well as risk management practices.*

LIONEL MARTELLINI
EDHEC-RISK INSTITUTE DIRECTOR

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