

Data Scientist Academic Certificate Program



- At the end of the program, you will obtain a certification from Université Paris 1 - La Sorbonne

Objectives



- Mastering **analysis techniques** (statistical and quantitative)
- Mastering **AI technologies** (Machine Learning, Deep Learning)
- Mastering **Data analysis programming languages** (R, Python, SAS)
- Mastering **databases**
- Create **analysis models**
- Be aware of the technical watch and the innovations and updates of the tools used
- Mastering **DataLab tools**

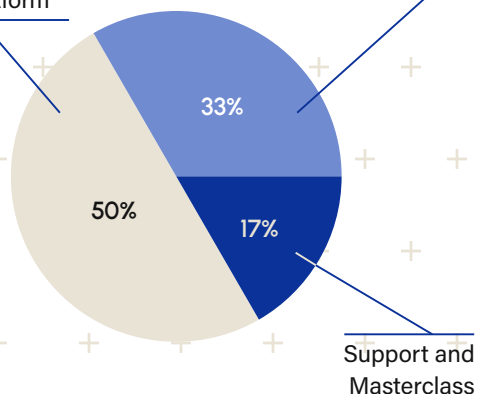
Public



- Intensive **Mathematical** or **Science background**
- Previous experience in Python appreciated but not mandatory

Coached training on the platform

Project



Support and Masterclass

Program



Python programming & Data visualization tools

Numpy/Pandas/Matplotlib/Seaborn

Machine Learning algorithms & methodology

Classification/Clustering/Size Reduction and Regression methods + Times series/ Text Mining/Network X

SQL & Big Data

SQL/Data Processing/Machine Learning with PySpark

Deep Learning & AI

Tensorflow/Keras/CNN & RNN/ Reinforcement Learning

Duration

10 months ■ 6 to 10 hours/week

- 100% remote training

Details



Project

You will develop a practical **data scientist project** from scratch. You can either bring your own project from Allianz or benefit from our extensive project catalog.

Support & Masterclass

Our teachers are always by your side to advise you quickly and efficiently. Frequently planned **masterclasses** will allow you to deepen your knowledge and review the previously studied content.

Coached training platform

Our coached training platform allows you to study autonomously and exercise on different topics from **Python programming** to **Deep Learning**.