

Data Engineer Academic Certificate Program



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

Objectives



- Design and develop data software and applications
- Analyze and represent data
- Master databases & ensure data quality
- Build pertinent and reliable ETL/ELT pipelines
- Deploy, scale and industrialize data solutions & models

Duration

Data Engineer

9 months

part-time

Public



- Background in Programming, IT or Networks
- Previous coding experience required
- Data Camp**
Completion of the Data Engineering for practitioners grants access to our Data Scientist course
- To know if you have the prerequisites, feel free to take the DataScientest placement test.

Program



Programming & Data Science
Python/Bash/Machine Learning

Database
SQL/MongoDB/ElasticSearch/Neo4j

Big Data
Volume (Hadoop, Spark)
Speed(Streaming, Kafka)

CI/CD & deployment
Git/Github/APIs/Docker/Airflow/Kubernetes

Details



Project

To put into application what is taught, 3 projects on various topics (Pipeline creation, Model deployment & automation tasks) will be spread throughout the course, to ensure operationability by the end of the training.

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, which simulates all data engineering environments, allows you to autonomously work on exercises & business cases.

