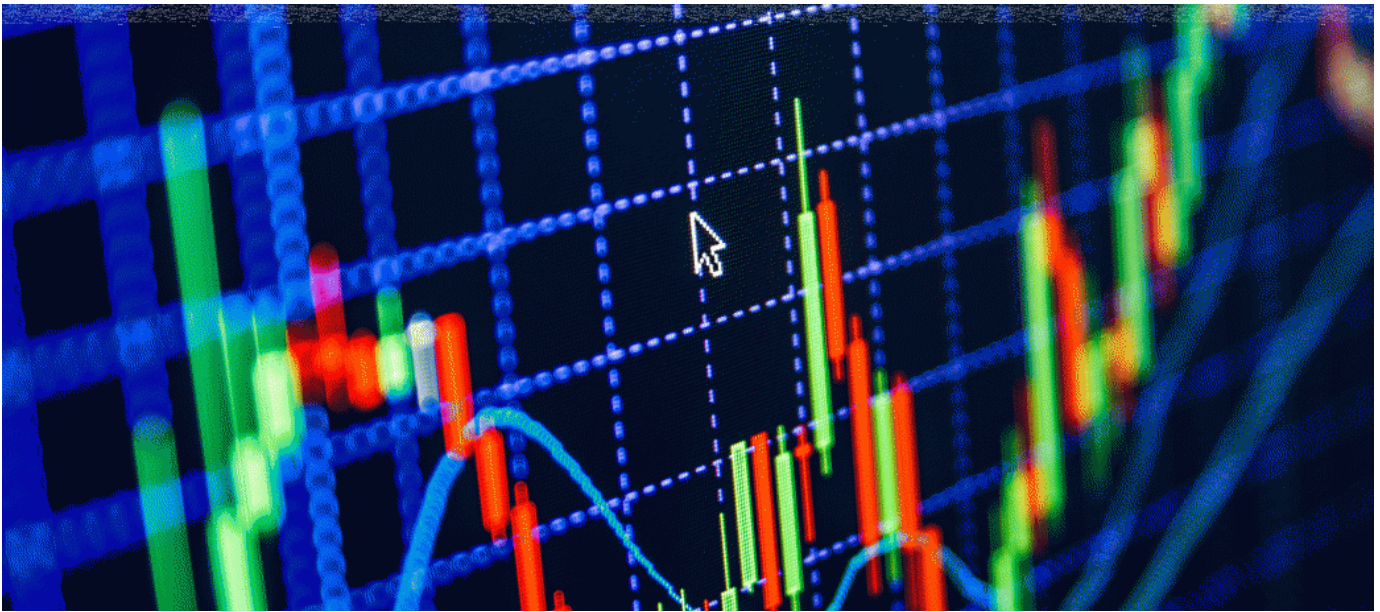


# PETROLEUM DATA MANAGEMENT



Are you keen to take up the challenges of big data? Are you well aware that the digital revolution is set to have a major impact on the energy sector in the very near future? A whole host of new opportunities are opening up for the use of natural resources, be they oil, natural gas or water. Our Petroleum Data Management program is a unique course that will teach you how to manage data. You will become a true expert in organizing and analyzing data! Join the digital world and become a data manager!

## LES DÉBOUCHÉS POUR LE PROGRAMME

## PROGRAMME & CALENDRIER

### Program

This program is divided in 5 themes:

## **Georesources**

- /// E&P workflow
- /// Geology data
- /// Seismic & well data
- /// Reservoir data
- /// Drilling & production data
- /// HSE

## **Data Management**

- /// Information management fundamentals
- /// Data governance
- /// Actors & companies in DAMA
- /// Data life cycle & data quality
- /// Data model & reference data
- /// Machine learning

## **Project Management**

- /// Certificate Associate in Project Management (CAPM)
- /// Team project

## **Geomatics/GIS**

- /// Geodesy
- /// Reference system
- /// Photogrammetry
- /// Topography
- /// GIS/SQL
- /// Spatial calculations

## **Information Technology**

- /// Storage and query
- /// Data security

- /// Data access
- /// Data visualization
- /// Web technologies
- /// Python project
- /// Big data

## Planning

The program includes a 6-month course and 4-month internship.

# OPPORTUNITÉS DE CARRIÈRES

## Domains

- /// Energy
- /// Geomatics and GIS
- /// Data science
- /// Big data
- /// Auditing
- /// HSE

## Jobs

- /// Petroleum data manager
- /// Geoinformation engineer
- /// Data management supervisor
- /// Geosciences data architect
- /// Data quality management engineer
- /// EP data analyst