IFP Training

This training course is offered under the **Alliance4Training** brand

Training - Data Science for E&P Operations

DAEP-EN-D | **Distance only** | **10 days**

The Data Science for E&P operations training will give an understanding of data analytics to all O&G professionals willing to understand how data science, and machine learning in particular, have become more and more common in the industry

Level

Awareness

Public

Professionals from all O&G disciplines who plan to have responsibilities in the data analytics domain

Objectives

Attendees will be able to implement the following skills:

- Learn the main concepts of data science
- Understand the machine learning/artificial intelligence concepts
- Be able to build a basic python program
- Learn about ML applications for O&G industry
- Be able to interact with data scientists/ITs involved in ML applications

Pedagogical & technical resources

Interactive lectures, case studies and exercises

Assessment of achievements

- Trainees are assessed throughout the training through practical application phases and interactions with the trainer
- A final on-the-spot evaluation may also be carried out at the end of the course and/or at the end of each module using tests designed to verify the learners' understanding and assimilation of the knowledge linked to the training objectives

Prerequisites

No prerequisites are necessary to follow this course

Responsable

IFP Training instructors, with expertise in the field and trained in modern teaching methods adapted to the specific needs of learners from the professional world

Program

INTRODUCTION TO DATA SCIENCE & ANALYTICS FOR O&G PROFESSIONALS

MACHINE LEARNING CONCEPTS

PYTHON SCRIPTING

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TEXT ANALYSIS USING MACHINE LEARNING

OBJECT DETECTION

ML MODEL EVALUATION/VALIDATION

To French entities : IFP Training is referenced to DataDock ; you may contact your OPCO about potential funding.
Please contact our disabled persons referent to check the accessibility of this training program : referent.handicap@ifptraining.com

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