IFP Training

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

Training - Data Base Set Up and Evaluation

DBASE-EN-P | **Face-to-face only** | **5 days**

O&G professionals are getting more and more involved in data management. Setting up a fit-for-purpose database is often a challenge. Based on DAMA book of knowledge, the Data Base Set Up & Evaluation training aims at focusing on understanding data management needs and organizing an adequate data base in a given O&G organization

Level

Awareness

Public

Data managers, information managers, technical managers, technologists, geoscientists, Reservoir Engineers, involved in organizing data bases or assessing them (e.g. data rooms)

Objectives

Attendees will be able to implement the following skills:

- Set up a data governance plan within their organization
- Identify and select the most appropriate data base architecture, depending on available data
- Define data security requirements
- Set up data quality criteria

Pedagogical & technical resources

Interactive lectures ended by a business case

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

O&G DATA GOVERNANCE — 0.5 day

Data management, as per DAMA.
Data governance.
Responsibility sharing for efficient Data Management; RACI matrix.

DATA ARCHITECTURE & DATA OPERATIONS — 0.5 day

© IFPTraining

ER diagrams, SQL, NoSQL, graph databases.

PHP & SQL — 1 day

Hands-on exercise on PHP and SQL.

DATA INTEGRATION — 0.25 day

OLAP and OLTP.
Data warehousing, ERP and BI products.
Data virtualization.

DATA RETENTION & SECURITY — 0.75 day

Back-up; archives.
Legal constraints: SOX, GDPR.
Common attacks and mitigations.
ISO 27001.

DATA QUALITY — 0.5 day

End users expectations.
Quality criteria.
Quantitative approach.

DATA MANAGEMENT SKILLS — 0.5 day

Data Management jobs.
Skills assessment in PPDM and CDA.

MINI-PROJECT — 1 day

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

© IFPTraining