Formation - Data Base Set Up and Evaluation

DBASE-EN-P | **Présentiel** | **5 jours**

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

Niveau

Découverte

Public

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

Objectifs

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

Pédagogie & ressources techniques

Interactive lectures ended by a business case

Évaluation des acquis

- 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

Prérequis

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

Programme

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

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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

IFP Training est référencé au DataDock. Rapprochez-vous de votre OPCO pour connaître les possibilités de financement de cette formation.
Pour vérifier l'accessibilité de cette formation à une personne en situation de handicap, contactez notre référent à l'adresse suivante : referent.handicap@ifptraining.com

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