

Power BI e-learning channel

Practical course - 2d - 10h02 - Ref. 8PB

Price : 290 CHF E.T.

Vous cherchez à donner vie à vos données pour prendre de meilleures décisions ? Explorez les capacités de Power BI, l'outil conçu pour simplifier l'analyse des données. Notre chaîne spécialisée vous guidera à travers les étapes essentielles pour créer des visuels percutants à partir de vos données brutes. Vous apprendrez à utiliser les fonctionnalités avancées de Power BI pour créer des rapports interactifs, des tableaux de bord personnalisés et des analyses prédictives. Préparez-vous à révolutionner vos tableaux de bord !

Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Defining Power BI, and its place in the Power Platform.
- ✓ Select and use a connector.
- ✓ Import and prepare data.
- ✓ Create a report by connecting and cleansing data.
- ✓ Combine different tables.
- ✓ Know the basic rules of data visualization.
- ✓ Use metrics and attributes to generate visualizations.
- ✓ Familiarize yourself with DAX language, measurements and add calculations.
- ✓ Create reports to represent and monitor sales performance.
- ✓ Working with an internal data model.
- ✓ Use Power Map, Power Pivot and Power View.
- ✓ Geographical representation of data.
- ✓ Build a report by applying rules to achieve a good user experience.
- ✓ Format, analyze and share reports with other users.

Intended audience

Anyone wishing to learn how to use business intelligence to produce reports.

Prerequisites

Basic knowledge of Excel.

PARTICIPANTS

Anyone wishing to learn how to use business intelligence to produce reports.

PREREQUISITES

Basic knowledge of Excel.

TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more.

Participants also complete a placement test before and after the course to measure the skills they've developed.

TEACHING AIDS AND TECHNICAL RESOURCES

- The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
- At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
- A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

Practical details

Digital activities

IT structure: recorded courses, expert videos and best practice sharing.

Mentoring

L'option tutorat propose un accompagnement personnalisé par un formateur référent ORSYS, expert du domaine. Adapté aux besoins, aux capacités et au rythme de chaque apprenant, ce tutorat combine un suivi asynchrone (corrections personnalisées d'exercices, échanges illimités par message...) et des échanges synchrones individuels. Bénéfice : une meilleure compréhension, le développement des compétences et un engagement durable dans la formation.

Pedagogy and practice

A wealth of content produced by trainers following a rigorous pedagogical approach. During each course, operational cases are commented on by experts to help learners put into practice what they have just learned. To help learners anchor their memory, each content item is broken down into short sequences of 3 to 10 minutes. This enables each learner to learn dynamically and independently.

TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at psh-accueil@orsys.fr to review your request and its feasibility.

Course schedule

1 Power BI Desktop, process, analyze data and design dashboards

- Understanding Power BI.
- Connection and data preparation.
- Setting up the model.
- Creation of a dashboard and visuals.
- Creation of DAX formulas.
- Interaction.
- Application design: example of a dashboard design.
- Publication.

2 Dashboards with Excel and Power BI, synthesizing data to manage performance

- Learn about dashboards and data visualization.
- Process data using pivot tables.
- First dashboard: representing sales performance.
- Working with an internal data model.
- Use Power Map.
- Second dashboard: geographical representation of data.
- Use Power Pivot.
- Add calculations: DAX language and measurements.
- Third dashboard: monitoring performance.
- Use Power View.

3 Introduction to datavisualisation, collecting, processing and representing data

- Introduction.
- Bias presentation.
- Data collection and processing.
- Data representation.

