Updated 05/17/2024

Sign up

# Power BI Administration training

## 2 days (14 hours)

## Presentation

Power BI is a leading tool for data analysis and business intelligence. This program features an extremely rich cloud service. Azure makes data preparation a snap.

PowerBI uses Microsoft AI to simplify data analysis and deliver high-value insights. Security is a fundamental element of the software, which is fully equipped to ensure data protection.

This PowerBI Administration course will teach you how to administer the tool. At the end of the course, you'll know how to secure your projects, manage workspaces, track usage metrics and use the PowerBI gateway.

This course will introduce you to the latest version of the tool: PowerBI 2.128.

## Objectives

- Manage users and workspaces
- Mastering administration with Power BI
- Ensuring data protection
- Using data gateways

## Target audience

- Data Scientists
- Developers
- Data analysts

- Project managers
- Consultants
- Business Analysts

# PREREQUISITES

Have attended our PowerBI training course or have a good knowledge of the tool.

# Power BI Administration training program

## Introduction

- What is governance?
- Governance strategies on PowerBI
- The different types of administrator
- License types
- Introducing PowerBI Premium and its features
- Add users and employees
- Assign administrator roles
- User modification and deletion

## Manage workspaces

- The different types of sharing
- Teamwork on PowerBI
- Tenant management
- Advanced management with PowerBI Premium
- Manage workspaces

## Administration with PowerBI

- Usage metrics and tracking
- Audit logs
- Dataset management
- Data flow management
- Automate administration tasks

## Managing data security and protection

- Best security practices for Power BI

- Multi-factor authentication
- Access conditions
- Ensure compliance with data protection laws (RGPD)

## The PowerBI gateway

- When to use the gateway
- Architectural presentation
- Installation and configuration
- Manage gateway data sources
- Enable single sign-on (SSO)
- Monitoring and troubleshooting

# Companies concerned

This course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

# Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives with regard to the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

# Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

# Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

# Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

# Sanction

A certificate will be issued to each trainee who completes the course.