

## Designing and Implementing Enterprise Scale Analytics Solutions Using Microsoft Azure and Microsoft Power BI

This course will provide fundamental knowledge, including beginner to advanced level information and topics, on enterprise scale analytics using Microsoft Azure and Power BI. The course can be taken as a step in learning about roles in cloud data services and Microsoft Azure such as Data Engineer or Data Scientist, before taking further Microsoft Azure or Microsoft cloud services courses.

### Détails

- Code : DP-500
- Durée : 4 jours ( 28 heures )

#### Public

- Administrateurs de Cloud
- Administrateurs de data warehouse
- Architectes
- Architectes Big Data
- Architectes Business
- Architectes de l'entrepôt de données
- Azure Solution Architects
- BI professionals
- Consultants
- Data Scientist
- Data Warehouse Developers
- Développeurs
- Directeurs des Systèmes d'information
- Experts Techniques
- Informaticiens

#### Pré-requis

### Objectifs

- Query and transform data
- Implement and manage data models.
- Explore and visualize data
- Implement and manage a data analytics environment

### Programme

- 1 – Introduction to data analytics on Azure
- 2 – Model, query, and explore data in Azure Synapse
- 3 – Prepare data for tabular models in Power BI
- 4 – Design and build tabular models

- 5 – Implement advanced data visualization techniques using Power BI
- 6 – Implement and manage an analytics environment
- 7 – Manage the analytics development lifecycle
- 8 – Govern data across an enterprise

### Modalités

- **Type d'action** :Acquisition des connaissances
- **Moyens de la formation** :Formation présentielle – 1 poste par stagiaire – 1 vidéo projecteur – Support de cours fourni à chaque stagiaire
- **Modalités pédagogiques** :Exposés – Cas pratiques – Synthèse
- **Validation** :Exercices de validation – Attestation de stages

