



# Training Course: Data Analysis and Visualization with Microsoft Power BI - Nanodegree Program

10 - 14 March 2025 Kuala Lumpur (Malaysia) Royale Chulan Kuala Lumpur



## Training Course: Data Analysis and Visualization with Microsoft Power BI Nanodegree Program

Training Course code: IT235023 From: 10 - 14 March 2025 Venue: Kuala Lumpur (Malaysia) - Royale Chulan Kuala Lumpur Training Course Fees: 6000  $\ \square$  Euro

#### Introduction:

In today's data-driven world, organizations are collecting more data than ever before. The ability to analyze and visualize this data has become critical for businesses to make informed decisions and gain a competitive advantage. Microsoft Power BI is a powerful data analysis and visualization tool that can help businesses to gain insights and improve decision-making. This training program aims to provide participants with a comprehensive understanding of Power BI and its features, as well as practical experience in using Power BI to analyze and visualize data.

#### Objectives:

- Understand the fundamentals of data analysis and visualization
- Learn how to use Microsoft Power BI for data analysis and visualization
- Develop the skills to create effective data visualizations and reports
- Understand how to manage and share data visualizations and reports using Power BI
- Gain hands-on experience with real-world data analysis and visualization projects

### Target Audience:

This training program is designed for anyone interested in data analysis and visualization using Microsoft Power BI, including data analysts, business analysts, and decision-makers.

#### **Outlines:**

#### Day 1:

Introduction to Data Analysis and Visualization with Microsoft Power BI

- Overview of data analysis and visualization
- Introduction to Power BI and its features
- · Understanding data sources and data models
- Connecting data sources to Power BI



#### Day 2:

#### Creating Data Visualizations and Reports with Power BI

- · Creating visualizations with Power BI
- Designing effective data visualizations and reports
- · Formatting and customizing data visualizations
- · Adding interactivity to data visualizations

#### Day 3:

#### Advanced-Data Analysis and Visualization Techniques with Power BI

- Advanced visualization techniques in Power BI
- Data modeling and DAX calculations
- · Working with advanced features like filters, slicers, and drill-through
- Sharing and publishing data visualizations and reports

#### Day 4:

#### Practical Applications of Data Analysis and Visualization with Power BI

- · Working with real-world data sets
- · Creating custom visuals and dashboards
- Developing data analysis and visualization solutions
- Troubleshooting common issues and errors

#### Day 5:

#### **Project and Assessment**

- Applying the knowledge and skills gained throughout the program
- Creating a final data analysis and visualization project
- Assessment and feedback



### Registration form on the Training Course: Data Analysis and Visualization with Microsoft Power BI - Nanodegree Program

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