



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

*5 - 9 August 2024
Kigali (Rwanda)*

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

Training Course code: IT235023 From: 5 - 9 August 2024 Venue: Kigali (Rwanda) - Training Course Fees: 6545 € 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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