



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

*2 - 6 September 2024  
Cape Town (South Africa)  
DoubleTree by Hilton Cape Town - Upper Eastside*

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

Training Course code: IT235023 From: 2 - 6 September 2024 Venue: Cape Town (South Africa) - DoubleTree by Hilton Cape Town - Upper Eastside 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

**Training Course code:** IT235023 **From:** 2 - 6 September 2024 **Venue:** Cape Town (South Africa) - DoubleTree by Hilton Cape Town - Upper Eastside **Training Course Fees:** 6545 € Euro

Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

### Delegate Information

Full Name (Mr / Ms / Dr / Eng): .....  
 Position: .....  
 Telephone / Mobile: .....  
 Personal E-Mail: .....  
 Official E-Mail: .....

### Company Information

Company Name: .....  
 Address: .....  
 City / Country: .....

### Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng): .....  
 Position: .....  
 Telephone / Mobile: .....  
 Personal E-Mail: .....  
 Official E-Mail: .....

### Payment Method

- Please find enclosed a cheque made payable to Global Horizon
- Please invoice me
- Please invoice my company

### Easy Ways To Register

Telephone:  
+201095004484 to  
provisionally reserve your  
place.

Fax your completed  
registration  
form to: +20233379764

E-mail to us :  
info@gh4t.com  
or training@gh4t.com

Complete & return the  
booking form with cheque  
to: Global Horizon  
3 Oudai street, Aldouki,  
Giza, Giza Governorate,  
Egypt.