



*Training Course:  
Introduction to Data*

*23 - 27 December 2024  
Manchester (UK)*

## Training Course: Introduction to Data

Training Course code: IT234613 From: 23 - 27 December 2024 Venue: Manchester (UK) - Training Course Fees: 5775 € Euro

### Introduction

Data Analysis Using Python, Mysql, NumPy, Pandas. This course will introduce you to the world of data analysis. You'll learn how to go through the entire data analysis process

### Course Objectives of Introduction to Data

1. Posing a question
2. Wrangling your data into a format you can use and fixing any problems with it
3. Exploring the data, finding patterns in it, and building your intuition about it
4. Drawing conclusions and/or making predictions
5. Communicating your findings

### Course Outlines of Introduction to Data

#### Day 1: Problems Solved by Data Analysts

- Questions about Student Data Solution
- Investigating the Data
- Problems in the Data
- Missing Engagement Records

#### Day 2: Debugging Data Analysis Code

- Making Histograms
- Predicting Based on Many Features
- Improving Plots and Sharing Findings

#### Day 3: NumPy

- One-Dimensional Data in NumPy
- Two-Dimensional NumPy Arrays
- NumPy Arrays
- Vectorized Operations
- Multiplying by a Scalar
- Standardizing Data

#### Day 4: Pandas

- Pandas Series
- Filling Missing Values

- Plotting in Pandas

#### Day 5: Statistics

- Mean, Median and Mode
- Standard Variation, Error mean
- Calculating Correlation

## Registration form on the Training Course: Introduction to Data

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

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Full Name (Mr / Ms / Dr / Eng): .....  
Position: .....  
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### Company Information

Company Name: .....  
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### Person Responsible for Training and Development

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### Payment Method

- Please find enclosed a cheque made payable to Global Horizon
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### Easy Ways To Register

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