

Use Power Pivot

Data modeling and data analysis

WHO SHOULD ATTEND?

Management Controllers – Analysts – Financial, Consolidation and Accounting Managers – Internal Auditors – Anyone having to manipulated vast amount of data.

Prerequisites: *it is recommended to be experienced on Excel. Please bring your laptop with Excel 2010 or more.*

OBJECTIVES

- › Discover Microsoft's new data visualization tools
- › Get familiar with the notion of data analysis
- › Take advantage of the power of Excel and Excel Pivot to create news reports and analyses
- › Know how to produce analysis and synthesis out of large amounts of data

WHY YOU SHOULD ATTEND?

- › Welcome to the new data age! Data is coming to companies at remarkable speed and volume. Understanding data analytics is an essential skill for the Finance function, who can play an active role in data valorization (help make better predictions or identify the cause of certain events).

This training will walk you through discovering Microsoft "self-service" tool - Power Pivot and using it with a practical methodology to help you manipulate large amounts of data and communicate your findings.

DETAILED CONTENT

› Introduction (let's clarify all this...)

- What is Big Data? AI, Business intelligence, data analytics?
- Data revolution and controlling
- What is business Intelligence (BI)? What are the tools?

› Vocabulary

- Getting familiar with fact table, dimension, hierarchy, granularity, measures
- The benefits of Power Pivot compared to stand alone Excel

› Designing the data model (based on a user case)

- Interface
- The 5 steps working cycle
 - a) Understanding the need / the problem
 - b) Designing and identifying information sources
 - c) Importing and controlling data
 - d) Creating and managing the data model
 - e) Building reports DAX language

› Presenting data

- Building a pivot table (chart) under Power Pivot – Using segments
- Creating KPIs
- Succeeding in building your reports

› Advanced use of Power pivot

- Power Query
- Working with ambiguity, multiple fact tables, n-to-n relationships, (de)normalizing a model

INSTRUCTIONAL APPROACH AND LEARNING ASSESSMENT

- **During the session:** alternating theoretical developments, illustrations and case studies. These contextualized exchanges ensure knowledge acquisition throughout the training.
- **After the session:** the trainer is available to answer any follow-up questions participants may have.

DURATION: 2 DAYS

DATES*: 23-24/04/24
05-06/09/24

PRICE EXCL. VAT: 1 860 €

(*) Delivery method: face-to-face, subject to change according to your requests and/or health conditions.

©FinHarmony - This training can be organised on your premises
Tel +33 (0) 1 53 17 39 00 - formation@finharmony.net