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# Data Analytics and Business Intelligence using Power BI and Power Pivot for Excel

facilitated by: **Mr. Dimitris Leimonis**

**06, 07 March 2019**

**Time: 08:30 – 17:00**

**Venue: CIIM Nicosia, 21 Akademias Ave., 2151 Aglandjia**

**Language of Instruction: English**

# Data Analytics and Business Intelligence using Power BI and Power Pivot for Excel

## Programme Overview

This 2-day hands-on workshop on business analytics uses Microsoft's Power Pivot for Excel and Power BI tools. Every business user should know how to perform sophisticated data analysis, create unique dashboards using Power BI and develop powerful data models. Deliver critical information and gain important insights from your data by visualizing your work with Microsoft Power BI and Power Pivot for Excel converting them into meaningful information.

Take your analysis one step further using two versatile business intelligence tools. Big Data is growing exponentially due to an increase in the usage of mobile technology and internet. Those that they can analyse data efficiently unlock potential wealth in their business and can contribute in the improvement of business results.

**Free Takeaway:** Participants will receive sample worksheets, dashboards and templates that will allow them to review the models discussed during the seminar and adjust them to their own day-to-day needs. Participants will also receive 2 hours of video tutorials, available to watch 24/7 at their own pace.

**Important Note:** Participants are required to bring their own laptop and have Excel 2013 installed as a minimum requirement.

## Designed for

CFOs & Finance Managers	MBA's & Business Undergraduates	Business & Financial Analysts	Financial Controllers and Accountants
Directors, GMs, VPs, Senior Managers, Managers	Corporate Finance & Business Development Professionals	Anyone seeking to improve their data analytics skill set	Heads of Business Units & Business Planners
Industry Consultants	Project Managers and Risk Analysts	Finance & Accounting staff	Risk Managers and Portfolio Managers

## Programme Focus

Power BI is a cloud-based business analytics service that enables anyone to visualize and analyse data with greater speed, efficiency, and understanding. Learn how you can deliver critical information and get important insights from your data by visualizing your work with Microsoft Power BI. It connects to a wide range of data sources and can help you firm create valuable insights and be ahead of the competition. Here is a sample of a dynamic dashboard created with Power BI and you should expect to learn how to create similar ones once you have concluded with this workshop: <http://bit.ly/powerbidashboardsample>

Power Pivot is an Excel add-in which allows you to integrate your data using table relationships and perform powerful data analysis by creating simple and advanced measures using DAX language. By using the power of Data Analysis Expressions (DAX) language you will upgrade the data manipulation capabilities of Excel and thus allow you the user to create more sophisticated and complex measures and highlight key business performance e.g. perform advanced time intelligence, combine and filter your data etc.

A real-life case study will help you examine how the analysis of Sales and Expenses can become more efficient, dynamic and advanced by using Microsoft's Power BI and Power Pivot vs. more "traditional" methods of Excel analysis (pivots, vlookups etc).

We will demonstrate how to avoid time-consuming and repetitive data manipulation, allowing us to focus on more important aspects and explore the new capabilities Excel has to offer to improve the quality of our analysis.

Additionally, we will introduce the use of DAX (Data Analysis Expressions) functions for simple and complex calculations. (Basic DAX functions (Aggregate, Logical, Table and Relational Functions), Time Intelligence Functions and Calculations, Calculate, Practice Implementation of DAX Functions with Examples).

## Key Outcomes

- Learn how to install and use Power Query, Power Pivot and Power BI and realize the differences depending on your version of Microsoft Excel.
- Automate data import from various sources and create relationships in your data model.
- Learn how to create dynamic dashboards, filter your data and perform easy drill-downs to your data so that to perform sophisticated business intelligence.

## Benefits for you

- Anyone that uses Excel lookup functions, works with big data and wants to enhance his output and analysis will benefit from this hands-on seminar.
- Benefits for your organization
- Produce valuable measures for your firm and advance your analysis by incorporating the power of Data Model into your day-to-day data analysis.
- Build interactive reports, perform business intelligence and analyse your data so that you can make well-timed business decisions.

## Trainer



**Mr. Dimitris Leimonis** is the Managing Director of Financial Arena, a London-based consultancy specializing in financial modelling, data analytics, business intelligence, firm valuation and risk analysis. He attained in becoming one of the first financial modelling experts globally to be accredited on the 2 major financial modelling standards. He is an experienced finance professional with an in depth 20-year experience in financial markets and has hands-on experience in a number of industry sectors, including financial services, education and retail. In the business

training area, he has provided training to more than 1000 banking and business professionals focusing on financial modelling, data analytics, asset allocation, portfolio management and risk analysis. His core skill set includes applied financial analysis, and development of business intelligence solutions using Power BI, resulting in better decision making. These skills incorporate design and construction of sophisticated financial models and communication of the outcomes in the form of high quality reports and presentations. Partnered with Microsoft to run bespoke training camps on Data Analytics and Financial Modelling in Greece and Cyprus. He is also an adjunct finance lecturer at ALBA Graduate Business School at the American College of Greece and had been a module leader at advanced Finance courses at Deree college from 2008 till 2015.

He holds an MBA from Drexel University, specializing in Management Information Systems and Investment Management and a BSc in Banking and Financial Management from the University of Piraeus. He is also a certified Financial Modeller, Portfolio Manager and Investment Consultant.

## Participation fees and Registration

**Gross Fee:** €500,00

**HRDA Subsidy\*:** €238,00

**Net fee (after subsidy)\*\*:** €262,00

\*To be eligible to apply for the HRDA subsidy you need to meet the following criteria:

- You are working as employee on a full time basis under a company that is registered in the Registrar of Companies in Cyprus
- Both yourself and your company submit the relevant contributions to the Social Insurance and Industrial Training Scheme
- Your participation is invoiced to and paid by the company
- You meet the participant profile of the programme
- Your company submits the respective HRDA application to CIIM

\*\***No VAT is charged** due to CIIM's non-profit status.

**Fees include** tuition, educational materials, lunch, coffee breaks and refreshments.

### Special Discounts %

10% Discount	15% Discount
<p>- <b>Early booking discount</b> for registrations submitted 2 months prior to commencement of the programme.</p> <p>- <b>For 2 registered employees</b> attending from the same organisation.</p>	<p>- For <b>CIIM students</b> and <b>Alumni</b> after the subsidy or 25% discount on programmes which are not subsidized by the HRDA. Terms and Conditions apply.</p> <p>- <b>For 3 or more</b> registered employees attending from the same organisation.</p> <p>- <b>For unemployed individuals</b> on the fee before the subsidy and can remit their payment in instalments. Additionally, they will have the opportunity to liaise with CIIMs' Careers Consultant and register their details in the Executive Recruitment Database. Terms and Conditions apply.</p>

### Contact Us

For more information on our open programmes or on our customised learning solutions, please contact: 77 77 24 46, Email: [execadmin@ciim.ac.cy](mailto:execadmin@ciim.ac.cy)