

Analyzing Data Using Power Pivot and Data Analysis **Expression** In Excel

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CODE: ED22A17



DURATION: 21 hours



START DATE: Monday, 23/05/2022



AUDIENCE PROFILE:

The course is suitable for candidates who deal with data analysis, programmer, people from Information Technology department, Financial Controllers and Accountants.



PREREQUISITES FOR PARTICIPATION:

Participants should have a very good knowledge of Excel and especially of Pivot Tables and Formulae and Functions. Prior to participating in this course, participants are encouraged to take up an Excel Expert course.



TRAINING LANGUAGE:

Greek



The training manual is in the English Language.



METHODOLOGY:

Lecture, discussion, demonstration and practice.



COURSE OBJECTIVES:

Upon completion the participants will be able to use the PowerPivot tool to:

- **Create Data Models**
- Explain relationships in data models
- Create measures and calculated columns using DAX
- Create PowerPivot tables
- Create DAX expressions for data analysis
- Use measures and calculated columns in PowerPivot tables
- Link to various data sources
- Create Dashboards and PowerView Reports

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Monday 23/05/2022, 8:15-16:00 Wednesday 25/05/2022, 8:15-16:00 Monday 30/05/2022, 8:15-16:00



PARICIPATION COST:

The cost incudes the course notes and certificate. In the event of classroom led training, coffee, snacks and lunch (only for full day courses) are offered complimentary.

Participation Cost

• Total Cost: €700 HRDA Subsidy: €357

Net Cost: €343

For Unemployed

Please contact us

Analyzing data with DAX

COURSE TOPICS

Unit 1: Introducing Data Models

- What is PowerPivot
- What are the data models

Unit 2: Using Data Models For BI

- Understanding Data Models and Relational Data
- Understanding Relationships
- Creating the Data Model
- Preparing the Data

Unit 3: Manipulate Data in a Data Model

- · Getting the Data
- Creating Calculated Fields and Calculated Columns with Simple DAX
- Add to Data Model vs. Importing
- Using Relationships

Unit 4: Programming with DAX

- Writing DAX Code
- Formatting DAX
- Common DAX Functions (Logical, Information, Mathematical, Text, Conversion, Date and Time, Relational)
- Error Handling
- Execution Context
- The Calculate Function

Unit 5: Loading Data

- Loading data from Excel
- Loading data from SQL
- · Loading data from Clipboard
- Loading data from Excel

Unit 6: Understanding Evaluation Contexts

- Understanding Row Contexts
- Creating a row context with iterators In DAX
- Understanding FILTER, ALL, and context Interactions
- Filter context and relationships
- Creating a parameter table

Unit 7: Working with PowerView

Creating PowerView Report Creating DashBoards



Registration Form

(To digitally sign, this form must be opened in Adobe Acrobat or Reader)

Seminar Code:		Title:		S	Start Date:	
* Required						
A. Organization		(if applicable)				
* Company/Organiza			* Size:			
Economic Activity:			* Telephone:			
Address:	_		Postal Code: * Email:			
* Authorised person for the registration:			* Direct Telephone:			
* Number of participants:			Direct relepitorie.			
B. Participant's Details (1)						
* Title:	* Name:	-,	* Surname:			
Title/ Job Position:			* Email:			
Job description:			* Mobile:			
Reasons for participating in the seminar:			1 Toblic.			
If lunch is included	d in the semin	ar, please state below any dietary p	preferences:			
B. Participant's	s Details (2)				
* Title:	* Name:		* Surname:			
Title/ Job Position:			* Email:			
Job description:			* Mobile:			
Reasons for participating in the seminar:						
If lunch is included	l in the semin	ar, please state below any dietary p	references:			
B. Participant's	Details (3)				
* Title:	* Name:		* Surname:			
Title/ Job Position:			* Email:			
Job description:			* Mobile:			
Reasons for participating in the seminar:						
If lunch is included in the seminar, please state below any dietary preferences:						
B. Participant's	Details (4)				
* Title:	* Name:		* Surname:			
Title/ Job Position:			* Email:			
Job description:			* Mobile:			
Reasons for participating in the seminar:						
If lunch is included	l in the semin	ar, please state below any dietary p	references:			
B. Participant's	s Details (5)				
* Title:	* Name:		* Surname:			
Title/ Job Position:			* Email:			
Job description:			* Mobile:			
Reasons for participating in the seminar:						
If lunch is included	l in the semin	ar, please state below any dietary p	references:			



Registration Form

C. Participation Cost

PARTICIPATION IN THE SEMINAR IS PREPAID (at least three days before the start of the seminar)

Please invoice: The participant The company Not applicable

Please select:

Participants are entitled the Human Resource Development Authority (HRDA) subsidy € 343

Participants are **not** entitled the Human Resource Development Authority (HRDA) subsidy € 700

Participants are unemployed and registered at Public Employment Service

Please contact us at 77777252

Cheques must be issued to EDITC Ltd and payment can be made directly through deposit to the account of the company

Account Name: EDITC LTD Account Number: 115-01-068696-01

IBAN:CY19 0050 0115 0001 1501 0686 9601 **SWIFT/BIC**:HEBACY2N

D. Terms and conditions for participation in EDITC seminars

- 1. EDITC will inform the client upon receipt of the application form. Written confirmation for the implementation of the training program will be sent within 3-5 days before the start date of the seminar. In exceptional cases written confirmation may be sent one day before the start of the program. **Participants are encouraged to contact the company in case they did not receive the confirmation.**
- 2. Cancellations should be done in writing at least 5 working days prior to the start date of the seminar. Cancellations that do not meet the above term are invoiced the entire cost of the seminar.
- 3. The company has the right to cancel or postpone a training program up to one day before the start date of the program.
- 4. All registrations are strictly prepaid except for credit customers.
- 5. Participants with less than 75% attendance cannot be subsidized by the HRDA and in such a case the participants (or their company) will have to pay the amount of the HRDA subsidy.
- 6. In case of subsidized programs by the HRDA all the required forms of HRDA must be sent to EDITC before the start of the training program.
- 7. Digital Certificates of participation are issued to participants after the completion of the course provided that their financial obligations and obligations regarding HRDA forms are settled.
 - * We agree with the above terms and conditions

* Signature:	* Date:
(To digitally sign,	
this form must be	
opened in Adobe	

Stamp (in case of company):

Acrobat or Reader)