

Power BI Analytic and Graphics Domination

Course Length: 24hrs (4 Days)

This course covers both Excel Power BI Online and Power BI desktop and is designed to teach the participant how to combine the functionality of Power View, PowerPivot, Power Query, and Power BI into graphs, charts, KPIs, reports, and other visualizations for use in their business. This course is lab example intensive.

Learning Objectives:

Upon completing this course students will have the ability to utilize and implement the concepts learned. Students will have a basic understanding of the below topics:

- Explain and utilize DAX data types and operator overloading.
- Explain and utilize DAX operators.
- Explain and utilize DAX values.
- Understand and utilize PowerPivot Data Model.
- Explain error handling.
- Explain and utilize mathematical functions.
- Explain and utilize statistical functions.
- Explain and utilize information functions.
- Explain and utilize text functions.
- Explain and utilize conversion functions.
- Explain and utilize aggregation functions.
- Explain and utilize relational functions.
- Explain and utilize the CALCULATE function.
- Explain and utilize filter functions.
- Explain and utilize single table evaluation context.
- Explain and utilize multiple table evaluation context.
- Create and configure calculated fields.
- Create and configure calculated columns.
- Explain and utilize date functions.
- Explain and utilize working with calendars.
- Explain and utilize using multiple calendars.
- Create and configure date calculations.
- Explain and utilize many-to-many relationships.
- Explain and utilize banding.
- Explain and utilize EVALUATE.
- Explain and utilize advanced DAX capabilities.
- Explain the benefits of DAX Studio.
- Navigate the Power View interface.
- Utilize Power View reports.
- Work with tables.
- Understand aggregations.
- Utilize matrix.
- Configure drill through.
- Use cards as a visualization.
- Apply filters.
- Create charts.
- Utilize tiles.
- Add slicers to reports.
- Utilize themes.
- Navigate the PowerPivot interface.
- Load data.
- Examine and configure relationships.
- Configure calculated columns and calculated fields.
- Create PivotTables.

- Understand and utilize DAX.
- Use KPIs.
- Work with hierarchies.
- Manage perspectives.

Target Student:

This course is intended for Power Users, Business Intelligence Developers, and IT Professionals that will be involved with the development of Excel PowerPivot queries and tabular modeling.

Section 1: Introduction to DAX

Introduction to DAX
Explaining Syntax
Exploring Data Types
Utilizing Operators
Understanding Values
PowerPivot Data Model
Handling Errors

Section 2: Using DAX Functions

Mathematical Functions
Statistical Functions
Logical Functions
Information Functions
Text Functions
Conversion Functions
Aggregation Functions
Relational Functions

Section 3: Understanding Evaluation Contexts

The CALCULATE Function
Filter Functions
Single Table Evaluation Context
Multiple Table Evaluation Context

Section 4: Working with Dates

Date Functions
Working with Calendars
Using Multiple Calendars

Section 5: Utilizing Advanced DAX Functionality

Many-to-Many Relationships
Banding
EVALUATE
Simplifying Your Life with DAX Studio

Section 6: Power View

Exploring the Power View Interface
Visualizing Power View Reports
Working with Tables
Understanding Aggregations
Utilizing Matrix
Configuring Drill Through
Using Cards
Applying Filters
Creating Charts
Examining Tiles
Adding Slicers to Reports
Theming Reports

Section 7: PowerPivot

Exploring the PowerPivot Interface

Loading Data

Examining Relationships

Configuring Calculated Columns and Calculated Fields

Creating PivotTables

Understanding DAX

Utilizing DAX Functions

Using KPIs

Working with Hierarchies

Managing Perspectives

Section 8: Power Query

Exploring the Power Query Interface

Loading Data

Managing Modifications

Examining Data Cleaning

Section 9: Power Map

Exploring the Power Map Interface

Using Bing Maps

Examining Map Data

Reviewing Map Types and Presentation

Section 10: Introduction to Power BI

Introducing Power BI

Explaining Excel and Power BI

Examining Data Sources

Querying with Natural Language

Simplifying Your Life with DAX Studio

- Download Course PDF
- Print

Price: \$3,395.00

Guaranteed to Run

Date: Wed 19 Jun, 2019

- Wed 19 Jun, 2019
- Wed 11 Sep, 2019

Time: 9:00 am - 4:00 pm

Duration: 4 Days

Language: English

Register Now

Cancellation Policy

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Published on CompuEase (<https://www.compu ease.ca>)

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What You Get:

Training includes 1 course manual, a Certificate of completion, and a voucher for 30 days of After Training Support

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