



Our mission is to deliver technology, tools and training to maximize impact, productivity and purpose



Advisicon.com/Training-Center/



360.314.6702
866.362.3847



Training@Advisicon.com



Advisicon.com

Microsoft
Partner



Gold Project and Portfolio Management
Gold Data Analytics
Gold Cloud Productivity
Gold Windows and Devices
Silver Collaboration and Content



Project
Management
Institute.

ADVANCED POWER BI DAX Data Modeling

COURSE OVERVIEW

You're already using Microsoft's cloud reporting and business analytics suite, Power BI™, to analyze your organization's data and share insights, and you're now ready to learn the advanced techniques that you need to create complex analytics from across your enterprise. This is live, instructor-led training that can be delivered in-person or remotely.

This two-day course* focuses specifically on using DAX (Data Analysis Expressions) to increase the power and complexity of the calculations and presentation of data in a Power BI Desktop data model. It can be delivered in combination with Advisicon Academy's Intermediate MS Power BI course.

In this course, participants will learn to:

- Learn basic concepts of data modeling
- Learn the consequences of data model design decisions
- Learn concepts of calculated columns and measures
- Gain familiarity with standard DAX patterns & CALCULATE
- Gain an understanding of evaluation contexts & their impact on calculations
- Develop the ability to parse data modeling formulas

WHO SHOULD ATTEND

This course is designed for moderately-experienced Power BI users. As a prerequisite, students should have at least limited familiarity with Power BI or the data connection capabilities of Microsoft Excel or successful completion of Introduction to MS Power BI & Intermediate MS Power BI.

COURSE MATERIALS

Course materials are comprised of a lecture, demo, and lab, no textbook necessary. Attendees may also earn Professional Development Credits from the Project Management Institute (PMI®).



CLIENT RECOMMENDATIONS

The consultative training approach was so effective! When can you come back?!?



Paul
Senior Project Manager,
Archer Daniels Midland

Great, in-depth info, timely and well presented.

Mark
Engineering Manager and Technical Project Manager



*If you wish to customize the course content or duration, please reach out to us directly.

COURSE OUTLINE

Functional Basics

- Power BI modeling
- Design consequences
- Data storage architecture
- Data model optimization
- Data type handling consequences

DAX Evaluation Context

- Understand different kinds of evaluation contexts
- Use iterator functions and CALCULATE to create sophisticated measures

Data Modeling Best Practices

- Query folding
- Data compression techniques
- Use of relationships

Time Intelligence

- Parsing advanced DAX formulas
- Use standard DAX patterns
- Intro to further learning resources

DAX Calculated Columns & Measures

- Differences between columns & measures

DAX CALCULATE Function

- Basic use of CALCULATE

DAX Best Practices

- Importance of writing efficient DAX measures

Bring Your Own Data

- Explore solutions to Power BI problems under the course instructor's guidance



PAIN POINTS THIS COURSE ADDRESSES!

I NEED MY REPORTS TO SUPPORT A WIDER RANGE OF SITUATIONS!

Learning DAX will equip you to select, join, and filter data in a dynamic way.

THERE'S NO STORY TO MY DATA!

We'll teach you the art and science behind transforming your data into insightful information.

BUILDING MY REPORTS IS LABORIOUS & TEDIOUS!

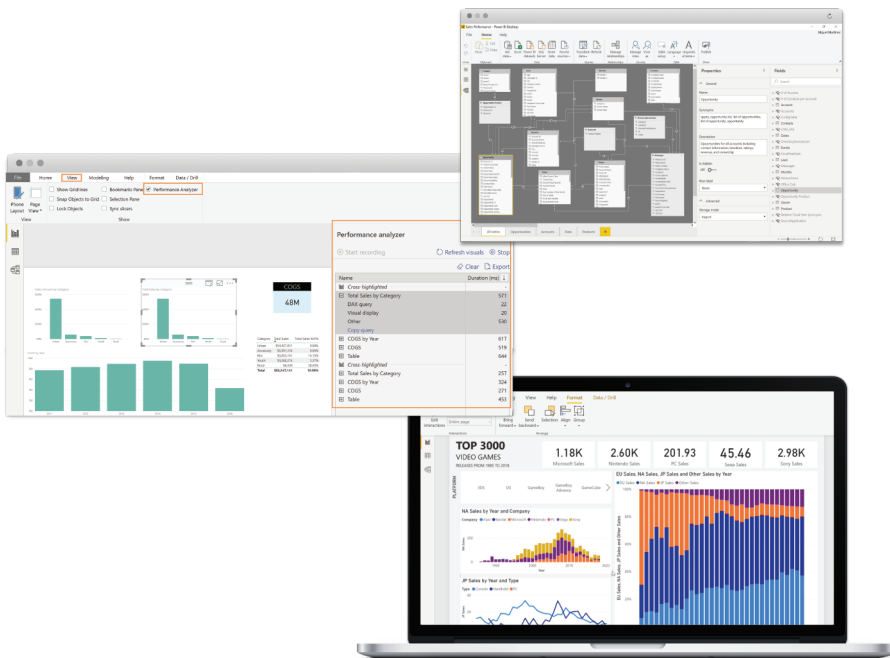
Learn how to build Power BI reports once that you can reference many times.

MY REPORTS ARE SLOW!

Advisicon's DAX Data Modeling course will help you identify opportunities to reduce the size of your data model while still supporting your users' lust for more and deeper insights.

IT TAKES TOO LONG TO GET NEW REPORTS DEVELOPED BY OUR ANALYSIS TEAM!

Our Power BI training will equip you to create compelling analyses of any data you can access.



COURSE INSTRUCTORS & ACCREDITATION

We are Microsoft Certified Professionals with Gold Competencies in Data Analytics and Project and Portfolio Management—Microsoft's highest partner ranking. This course will be taught by an experienced instructor who has deployed & configured Power BI reporting in a wide variety of businesses.



Advisicon's goal is to improve your processes and technologies, thus creating measurable results. For over 25 years, we have successfully helped customers learn, scale, and grow.

Advisicon.com
+1 (360) 314-6702

@Advisicon
Training@Advisicon.com

5411 NE 107th Avenue
Vancouver, WA 98662

Gold Microsoft Partner Project Management Institute.