

Applied Excel and SSAS Course



If your organization have Analysis Services cubes or Tabular models and you want to gain valuable insights from them, then this course is for you. Designed as a step-by-step guide, this course teaches you how to become a data analyst and unlock the hidden power of data. You'll learn how to apply the Excel desktop BI capabilities to create versatile reports and dashboards for historical and trend analysis. You'll learn also how to share your BI artifacts across the organization by publishing them to SharePoint.

Syllabus

According to Microsoft, there are more than one billion Excel users worldwide! This 1-day class is designed to help you become proficient with using Excel to analyze corporate data in Analysis Services cubes or Tabular models.

Module 1: Introduction

- Introducing Business Intelligence
- Introducing Analysis Services
- Why BI with Excel?
- Lab 1: Ad hoc reporting with Excel

Module 2: Creating PivotTable Reports

- Connecting to Analysis Services
- Understanding PivotTable Reports
- Configuring PivotTable Reports
- Lab 1: Creating Basic PivotTable Reports
- Drilling Down Data
- Filtering and Sorting Data
- Lab 2: Working with Data
- Modifying the Report Design
- Working with Actions
- Using Excel OLAP Features
- Lab 3: Extending Reports

Module 3: Creating PivotChart Reports

- Understanding PivotChart Reports
- Working with Data Series

Lab 1: Creating Basic PivotChart Reports

Drilling Down Data

Filtering and Sorting Data

Working with Actions and OLAP Features

Lab 2: Working with Data

Creating Dashboards

Working with Slicers

Lab 3: Creating Dashboards

Module 4: Creating Power View Reports

Understanding Power View

Creating Tabular Visualizations

Lab 1: Creating Tabular Reports

Creating Chart Visualizations

Lab 2: Creating Chart Visualizations

Performing Geospatial Analysis

Lab 3: Creating Map Reports

Filtering Data

Lab 3: Filtering Data

Module 5: Sharing Reports

Introducing SharePoint Insights

Working with Shared Connections

Lab 1: Working with Shared Connections

Publishing Reports

Viewing Reports

Lab 2: Publishing and Viewing Reports

Instructor



Teo Lachev is a consultant, author, and mentor, with a focus on Microsoft Business Intelligence. Through his Atlanta-based company “Prologika”, a Microsoft Gold Partner in Data Analytics, he designs and implements innovative solutions that unlock the power of data and bring tremendous value to his customers, ranging from small companies to Fortune 50 organizations. Teo has authored and co-authored several SQL Server BI books and he has been leading the Atlanta Microsoft Business Intelligence group since he founded it in 2010. Microsoft has recognized Teo's expertise and contributions to the technical community by awarding him the prestigious Microsoft Most Valuable Professional (MVP) award since 2004.