

# Organizational BI With SSAS 2012

## Tabular – Introduction

Introduction and Foreword

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# **Introduction and Foreword**

- **For Whom is this Course Intended?**
- **Course Objectives**
- **Course Modules**
- **Assumptions**
- **Getting Help with Installation**

# **For Whom is this Course Intended?**

- **Architects**
- **Developers**
- **Designers**
- **Consumers**

**... with a need / desire to learn more about SSAS Tabular**

**... from the unique perspective of a career business intelligence architect**

# **Course Objectives**

- **Gain a “Big Picture” Understanding of SSAS 2012 Tabular**
- **Building the SSAS Tabular 2012 Foundation**
- **Creating and Managing the SSAS 2012 Tabular Model**
- **Introducing Data Analysis eXpressions (DAX)**
- **Querying SSAS 2012 Tabular**

# Assumptions

- **SQL Server Analysis Services 2012 instance installed in Tabular mode**
  - On your PC / PC is client accessing server
- **SQL Server Data Tools (SSDT) is installed**
- **AdventureWorks DW sample database is installed**
- **PowerPivot for Excel 2010 or 2013 is installed**
- **Rudimentary knowledge of dimensional modeling concepts**

# Getting Help with Installation

- Install Analysis Services in Tabular Mode: MSDN Step-by-Step

<http://ow.ly/A4b8z>

Microsoft Developer Network

MSDN Library  
Servers and Enterprise Development  
SQL Server  
SQL Server 2014  
Product Documentation  
Installation for SQL Server 2014  
Install SQL Server 2014 Business Intelligence Features  
Example License Topologies and Costs for Business Intelligence  
Install SQL Server Data Tools - Business Intelligence for Visual Studio 2013  
Install Analysis Services in Multidimensional and Data Mining Mode  
Install Analysis Services in Tabular Mode  
Install Data Quality Services  
Install Integration Services  
Install Master Data Services  
Install Reporting Services Native Mode Report Server  
Install SQL Server BI Features with SharePoint (PowerPivot and Reporting Services)  
Command Prompt Installation of Reporting Services  
SharePoint Mode and Native Mode  
Verify or Troubleshoot an Installation

## Install Analysis Services in Tabular Mode

SQL Server 2014 | Other Versions | 0 out of 1 rated this helpful - Rate this topic

If you are installing Analysis Services to use the new tabular modeling features, you must install Analysis Services in a server mode that supports that type of model. The server mode is Tabular, and it is configured during installation.

After you install the server in this mode, you can use it host solutions that you build in tabular model designer. A tabular mode server is required if you want tabular model data access over the network.

You can specify Tabular mode in the Installation Wizard or in a command line setup. The following sections describe each approach.

### Installation Wizard

The following list shows you which pages in the SQL Server Installation wizard are used to install Analysis Services in Tabular mode:

1. Select **Analysis Services** from the Feature Tree in Setup.

Features:

- ☐ Database Engine Services
- ☐ SQL Server Replication
- ☐ Full-Text and Semantic Extractions for Search
- ☐ Data Quality Services
- ☒ Analysis Services
- ☐ Reporting Services - Native
- Shared Features
  - ☐ Reporting Services - SharePoint
  - ☐ Reporting Services Add-in for SharePoint Products
  - ☐ Data Quality Client
  - ☐ Client Tools Connectivity
  - ☐ Integration Services
  - ☐ Client Tools Backwards Compatibility
  - ☐ Client Tools SDK
  - ☐ Documentation Components
  - ☒ Management Tools - Basic
  - ☒ Management Tools - Complete
  - ☐ Distributed Replay Controller

# Getting Help with Installation ...

- Install AdventureWorksDW sample database

<http://go.microsoft.com/fwlink/?LinkID=335807>

The screenshot shows the CodePlex project page for "Microsoft SQL Server Database Product Samples". The page has a navigation bar with links for HOME, SOURCE CODE, DOWNLOADS (highlighted), DOCUMENTATION, ISSUES, PEOPLE, and LICENSE. A search bar is located in the top right corner. The main content area is titled "Adventure Works 2014 Sample Databases" and includes user ratings (5 stars), reviews (0), and download statistics (10520). A "RECOMMENDED DOWNLOAD" section lists the "Adventure Works 2014 Full Database Backup.zip" file. An "OTHER AVAILABLE DOWNLOADS" section lists several other files, including "Adventure Works 2014 OLTP Script.zip", "Adventure Works 2014 Warehouse Script.zip", "Adventure Works DW 2014 Full Database Backup.zip", "Readme for Adventure Works 2014 Sample Databases.docx", and "Adventure Works DW Tabular Model SQL Server 2014.zip". A sidebar on the right titled "OTHER DOWNLOADS" lists "Adventure Works 2014 Sample Databases" and "SQL Server 2014 RTM In-Memory OLTP Sample".

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### Adventure Works 2014 Sample Databases

Average user ratings: ★★★★★ based on 1 rating  
Reviewed: 0 review  
Downloads: 10520  
Dev status: Stable

**RECOMMENDED DOWNLOAD**

Adventure Works 2014 Full Database Backup.zip  
source code, 43774K, uploaded Jul 24 - 4689 downloads

**OTHER AVAILABLE DOWNLOADS**

Adventure Works 2014 OLTP Script.zip  
source code, 18420K, uploaded Jul 24 - 981 downloads

Adventure Works 2014 Warehouse Script.zip  
source code, 20748K, uploaded Jul 29 - 632 downloads

Adventure Works DW 2014 Full Database Backup.zip  
source code, 21027K, uploaded Jul 29 - 982 downloads

Readme for Adventure Works 2014 Sample Databases.docx  
documentation, 31K, uploaded Jul 28 - 1430 downloads

Adventure Works DW Tabular Model SQL Server 2014.zip  
application, 227K, uploaded Jul 24 - 304 downloads

**OTHER DOWNLOADS**

Released | Planned

- ★ Adventure Works 2014 Sample Databases  
Jul 18, 2014, Stable  
★★★★★  
SQL Server 2014 In-Memory OLTP Provider - ASP.NET  
Jul 9, 2014, Stable
- ★ SQL Server 2014 RTM In-Memory OLTP Sample  
Apr 7, 2014, Stable  
★★★★★

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