



This work by the National Information Security and Geospatial Technologies Consortium (NISGTC), and except where otherwise noted, is licensed under the [Creative Commons Attribution 3.0 Unported License](https://creativecommons.org/licenses/by/3.0/).

Authoring Organization: Bellevue College

Written by: Linda Rumans

Copyright: © National Information Security, Geospatial Technologies Consortium (NISGTC)

Development was funded by the Department of Labor (DOL) Trade Adjustment Assistance Community College and Career Training (TAACCCT) Grant No. TC-22525-11-60-A-48; The National Information Security, Geospatial Technologies Consortium (NISGTC) is an entity of Collin College of Texas, Bellevue College of Washington, Bunker Hill Community College of Massachusetts, Del Mar College of Texas, Moraine Valley Community College of Illinois, Rio Salado College of Arizona, and Salt Lake Community College of Utah.

This workforce solution was funded by a grant awarded by the U.S. Department of Labor's Employment and Training Administration. The solution was created by the grantee and does not necessarily reflect the official position of the U.S. Department of Labor. The Department of Labor makes no guarantees, warranties or assurances of any kind, express or implied, with respect to such information, including any information on linked sites, and including, but not limited to accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability or ownership.

Using Analytic Tools for Data Visualization

Software Setup Instructions

To proceed with this module and the following module, you will need:

- Microsoft SQL Server 2012 including the database engine and Analysis Services
- SQL Server Data Tools (a.k.a. Visual Studio 2010)
- The AdventureWorksDW2012 database provided by Microsoft
- The AdventureWorksDW2012-SE cube provided in this module
 - Note: This is the sample cube provided by Microsoft and edited to remove the mining structures as these are not used in this course.
- Tableau Desktop Professional

Details

1. You will need to have Microsoft SQL Server Database Engine installed and the AdventureWorksDW2012 database installed. This database can be [downloaded from Microsoft](#). This is the same software and configuration that you may have used in a prerequisite course so most likely you already have the proper software and configuration.
2. You will need to have Microsoft SQL Server Analysis Services installed with permission to access your AdventureWorksDW2012 database. This is the same software and configuration that you may have used in a prerequisite course so most likely you already have the proper software and configuration.
3. Using SQL Server Data Tools, you will need to deploy the AdventureWorksDW2012-SE multi-dimensional database included in this module to your Analysis Services server. You may have worked deploying cubes in a prerequisite course, so you may wish to draw on materials from that course if you are a bit out of practice.
4. You will need to have Tableau Desktop Professional installed. Again, this is the same software and configuration that you may have used in a prerequisite course so most likely you already have the proper software and configuration. You can [download a trial version](#) from Tableau Software's website if you wish.



This work by the National Information Security and Geospatial Technologies Consortium (NISGTC), and except where otherwise noted, is licensed under the [Creative Commons Attribution 3.0 Unported License](#).

Authoring Organization: Bellevue College

Written by: Linda Rumans

Copyright: © National Information Security, Geospatial Technologies Consortium (NISGTC)