



The diagram illustrates a data processing pipeline. At the top, five icons represent different data sources or outputs: a report with a bar chart, a green cube, a spreadsheet, a purple sphere with 'SSAS' text, and a green cube. A horizontal blue line with arrows points from these icons down to a central dark blue box. Inside this box, the title 'Developing Tabular Models with SSAS 2016' is displayed in white. Below the title, the author's name 'Wylie Blanchard' and title 'IT Consultant; Database Technology' are listed. To the right of the text, there is a vertical stack of three icons: a purple grid, a purple box with arrows, and a purple starburst. Below the central box, another horizontal blue line with arrows points down to five icons representing different data storage or processing environments: a white cloud, an orange server rack, a yellow folder, a grey server tower, and a yellow cylinder.

Developing Tabular Models with SSAS 2016

Wylie Blanchard
IT Consultant; Database Technology

About Great Tech Pros

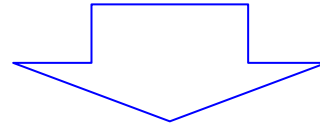
- Great Tech Pros was founded in 2012
- Specialties include:
 - IT Consulting
 - Database Administration, Management
 - Data Analysis
 - Website Design and Development
 - Professional Training and Presentations
- Visit us at www.GreatTechPros.com

Speaker:



Wylie Blanchard

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- Pizza Connoisseur (self proclaimed)

Presentation Summary

In this session we'll discuss the What, Why and How of BISM.
What is the BI Semantic Model.

Why you should and why you should not use it and How we
can develop solutions for it using SQL Server Analysis
Services 2016's Tabular Mode.

BI Semantic Model & Tabular (VertiPaq) models

Third-party applications



Reporting Services



Excel



PowerPivot



SharePoint Insights



BI Semantic Model



Data model

Multi-dimensional

Tabular



Business logic and queries

MDX

DAX



Data access

ROLAP

MOLAP

VertiPaq

Direct Query



Databases



LOB Applications



Files



OData Feeds



Cloud Services

Demo



Thank You

Feedback

- GreatTechPros.com/feedback
- WylieBlanchard.com/feedback

Resources / Recommended Reading

- Tabular Modeling - <https://msdn.microsoft.com/en-US/library/hh231691.aspx>
- Care Coordination Claims Data - Illinois.gov - <https://www.illinois.gov/hfs/MedicalProviders/cc/Pages/ClaimsData.aspx>
 - The database used in this demo is based on the test healthcare data set made public by I-HFS.
- The BI semantic model, MDX, DAX, and you - <https://blogs.msdn.microsoft.com/cathyk/2011/10/17/the-bi-semantic-model-mdx-dax-and-you/>
 - Image Source
- Use a BI Semantic Model Connection in Excel or Reporting Services - [https://msdn.microsoft.com/en-us/library/hh230901\(v=sql.120\).aspx](https://msdn.microsoft.com/en-us/library/hh230901(v=sql.120).aspx)
- Get data from Analysis Services - <https://support.office.com/en-us/article/Get-data-from-Analysis-Services-ba86270b-5cc2-4bb9-a21d-8bafc20f0cd3>
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