

Wylie Blanchard IT Consultant; Database Technology



About Great Tech Pros

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



Speaker:



Wylie Blanchard

SQL Server Database Consultant

MCSE: SQL Server Data Platform

MCSE: Data Management and Analytics

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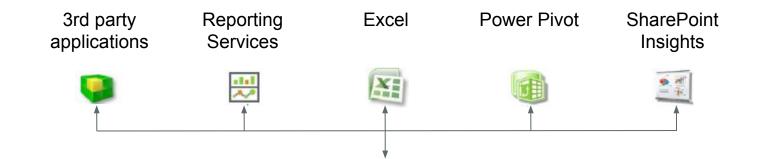
Pizza Connoisseur (self proclaimed)

Presentation Summary

In this session we'll develop a Tabular Data Model in MS SSAS and review our options for deploying, sharing and visualizing it.

We'll also discuss how senior leaders will see the business value of SSAS and how end users can utilize it for Self-Service Business Intelligence.

BI Semantic Model & Tabular (VertiPaq) models



BI Semantic Model







	Data Model	Tabular		Multidimensional	
	Business Logic & Queries	DAX		MDX	
/ / /	Data Access	Vertipaq	Direct Query	ROLAP	MOLAP

Tabular









Power Pivot for SharePoint

Multidimensional





Case Study

Healthcare CCCD wants its Data Analytics team to analyze the medical data within the data warehouse by Physician and Patient to determine whether multiple company metrics have been met. The team also needs to be able to easily report its findings to senior leaders via dashboards.

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
- Get data from Analysis Services https://support.office.com/en-us/article/Get-data-from-Analysis-Services-ba86270b-5cc2-4bb9-a21d-8bafc20f0cd3