

SSAS Tabular in 60 mins: Developing Business-Driven Self-Service BI

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About Great Tech Pros

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- **Specialties include:**
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Speaker:



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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

3rd party
applications



Reporting
Services



Excel



Power Pivot



SharePoint
Insights



BI Semantic Model



Data Model

Tabular

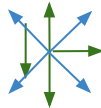
Multidimensional



**Business Logic &
Queries**

DAX

MDX



Data Access

Vertipaq

Direct Query

ROLAP

MOLAP

Tabular



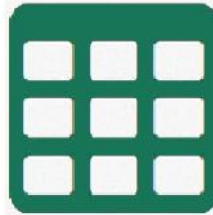
**Power Pivot for
Excel**



**Power Pivot for
SharePoint**



**Analysis Services
Tabular**



Multidimensional



**Analysis Services
Multidimensional**

Case Study

Healthcare CCCC 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](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>