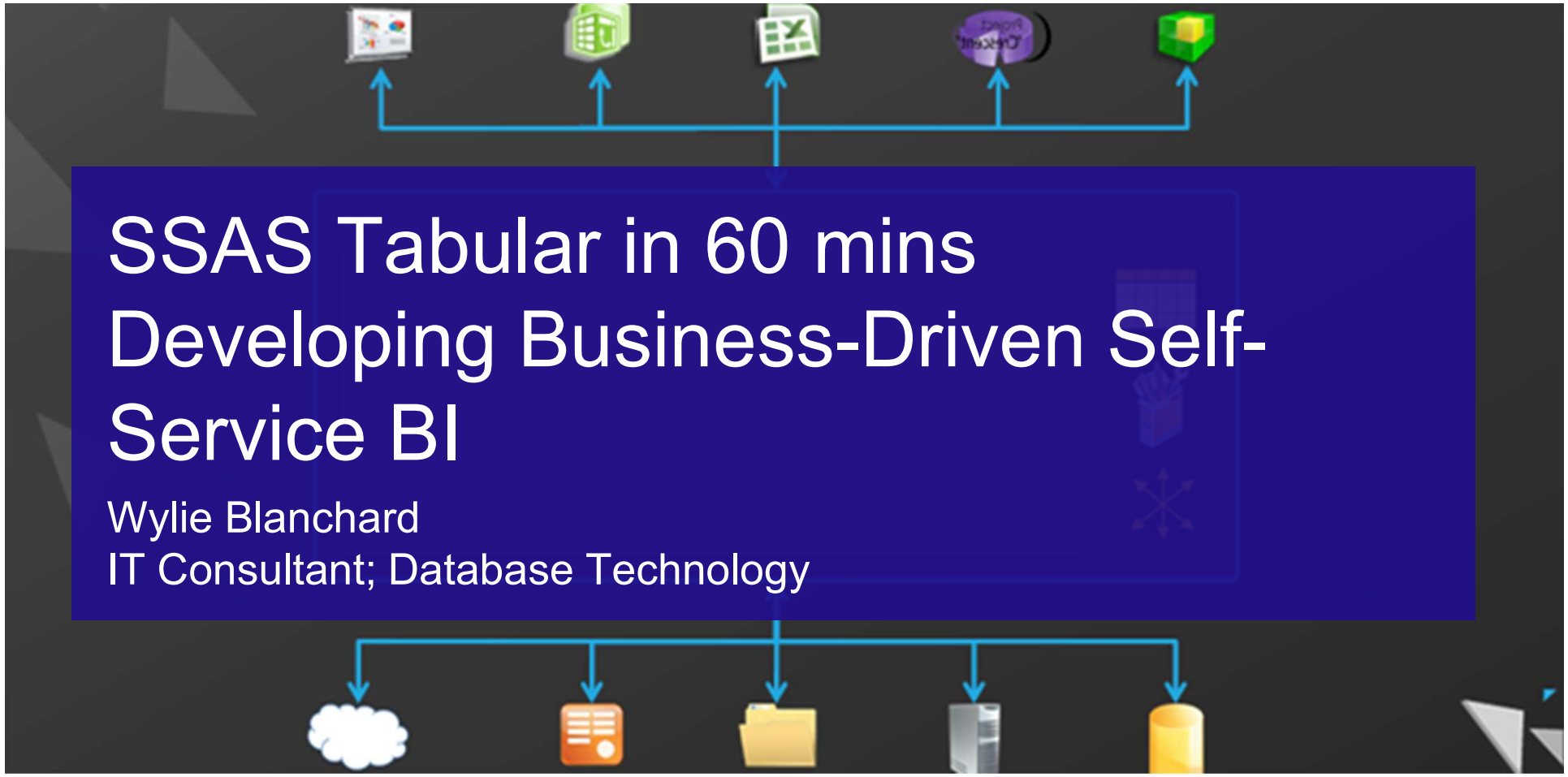

SSAS Tabular in 60 mins Developing Business-Driven Self-Service BI

Wylie Blanchard
IT Consultant; Database Technology

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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

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Speaker: Wylie Blanchard

- SQL Server Database Consultant
  - MCSE: SQL Server Data Platform
  - MCSE: Data Management and Analytics
- Website: WylieBlanchard.com
- LinkedIn: in/WylieBlanchard
- Twitter: @WylieBlanchard1

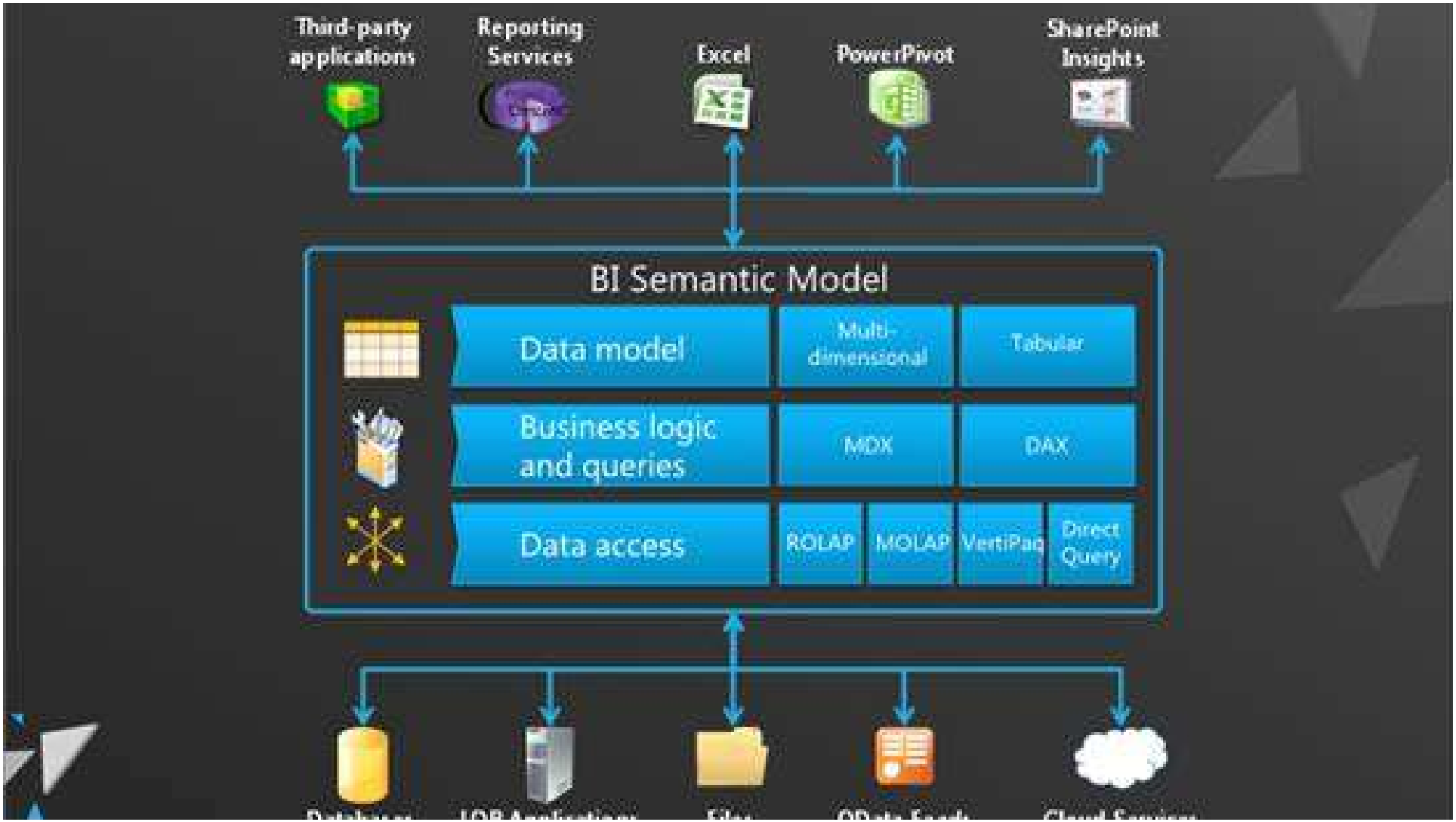
- Pizza Connoisseur (self proclaimed)

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.

Well 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


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

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

Case Study Solution:
SSAS Tabular Model

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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
    - 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