Azure Analysis Services:
Shifting into an Effective Semantic Model

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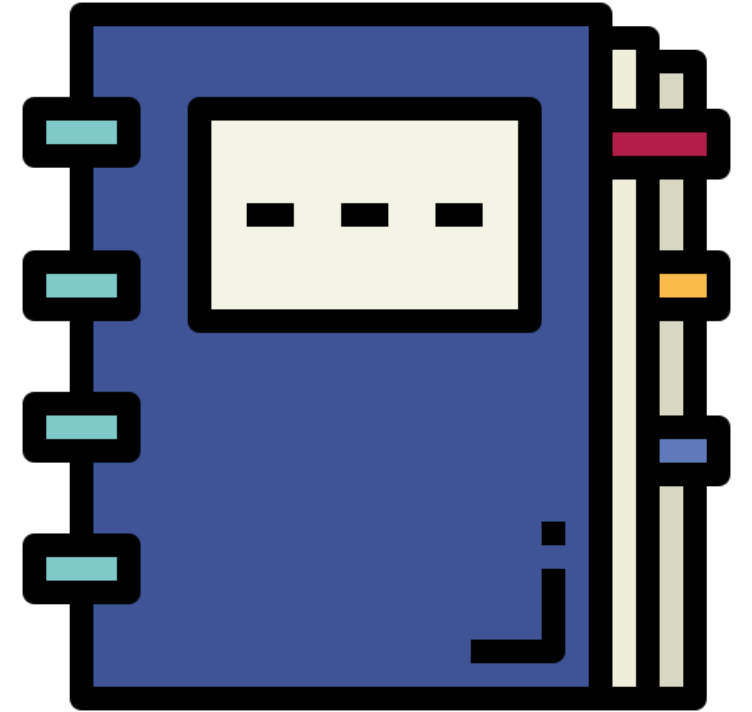
NEW STARS
OF **DATA**

Thimantha Vidanagamage

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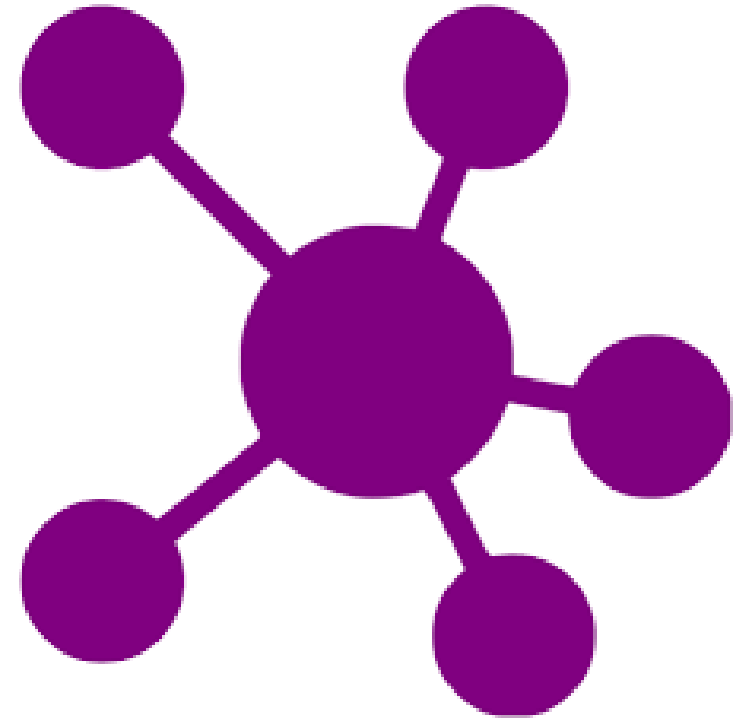
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Agenda

- Semantic Model: Basics
- Why are some Semantic Models Ineffective?
- What makes a Semantic Model Effective?
- How to shift to an effective semantic model?

Semantic Model: Basics

- Data model catered for end user analytics
- Types: Tabular and Multidimensional
- Concept: Facts and Dimensions
- Model Design: Star Schema and Snowflake Schema

Ineffective Semantic Model

Why are some Semantic Models Ineffective?

- Misunderstand end users
- Underestimate the value

What makes a Semantic Model Effective?

- Usability
- Performance
- Security

Demo: How to shift to an effective semantic model?

- Usability
- Performance
- Security

Demo 1: Semantic Model

Usability
Measure Groups / Attribute Groups

Demo 2: Semantic Model

Usability
Perspectives

Demo 3: Semantic Model

Performance
Power Query Optimization

Demo 4: Semantic Model

Performance
Role Playing Dimensions

Demo 5: Semantic Model

Performance
Partitioning

Demo 6: Semantic Model

Security
Role Based Security

https://rateevent.com/rate/SCAAA420

Thank You

Any questions?

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