SQL Server Analysis Services

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Who Am I?

- CO native
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- Head DB Developer / Administrator, Extend Health
- MCTS: SQL Server 2005
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Data Warehouse

- Still a relational database
- Usually populated from production DB
- Facts
 - Information to report on: sales, orders, transactions
 - Usually contains more information per row than a production DB
 - Think of as the data

Measures

- Interested piece of information: cost, revenue, sums, counts
- Think of as the aggregated value

Data Warehouse (con't)

Dimensions

- Ways to categorize/display the data: by seller, by person, by state
- A way to drill into a specific piece of information
- Think of as row/column headers
- Common dimensions
 - × Time
 - × People
 - Geography

Hierarchies

- "Stacked" dimensions
- Think ZIP -> City -> State -> Country

Business Intelligence Studio

- Incorporated into Visual Studio
- Provides a GUI for SSAS, SSIS, SSRS development
- Uses solutions/projects similar to application development

Demo

• Time to play!