MICHIGAN STATE UNIVERSITY

Beta Presentation Modern Online Analytical Processing Cube

The Capstone Experience

Team Urban Science

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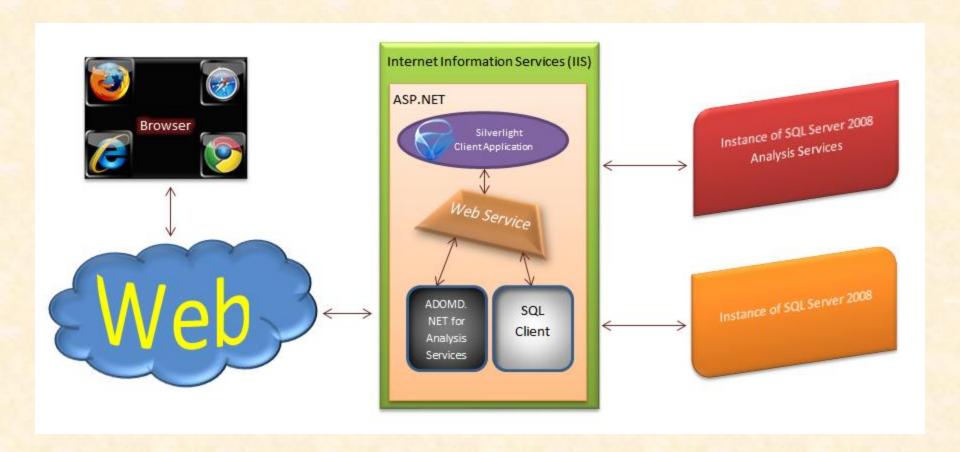
Fall 2010



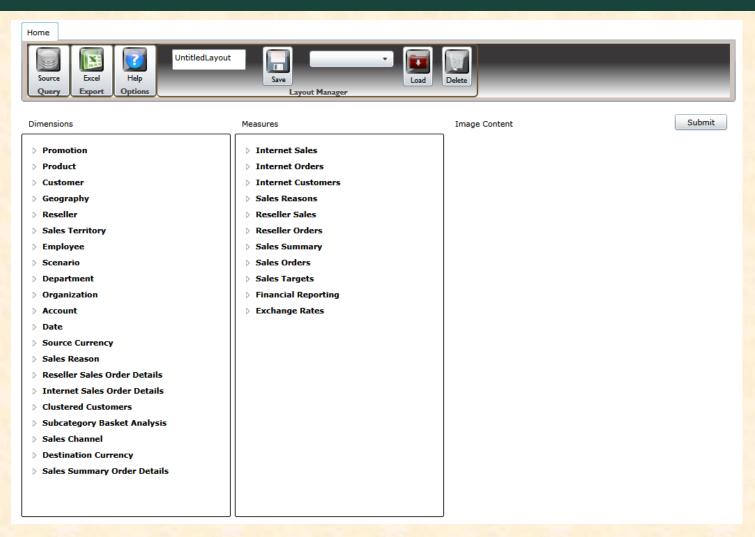
Project Overview

- Create a tool to quickly and efficiently query specific data amongst large databases to provide detailed and aggregated statistics
- Implement an OLAP cube as analysis object
- Create powerful, but easy to use GUI to display and manipulate OLAP cube

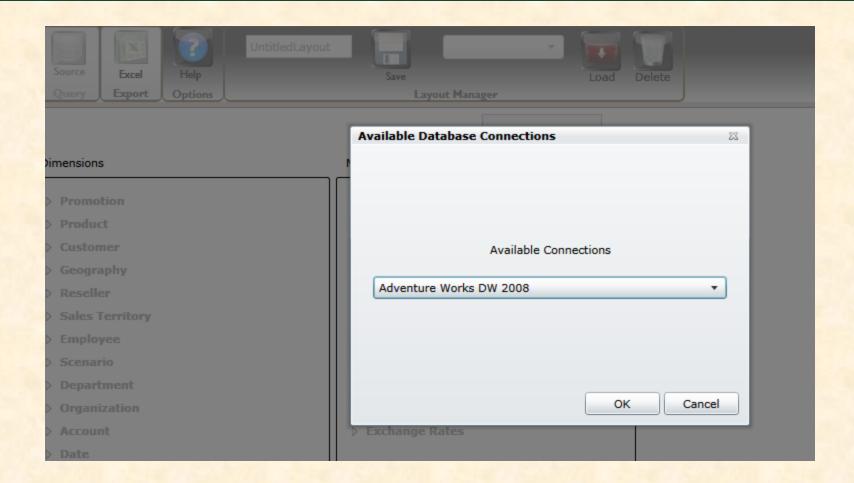
System Architecture



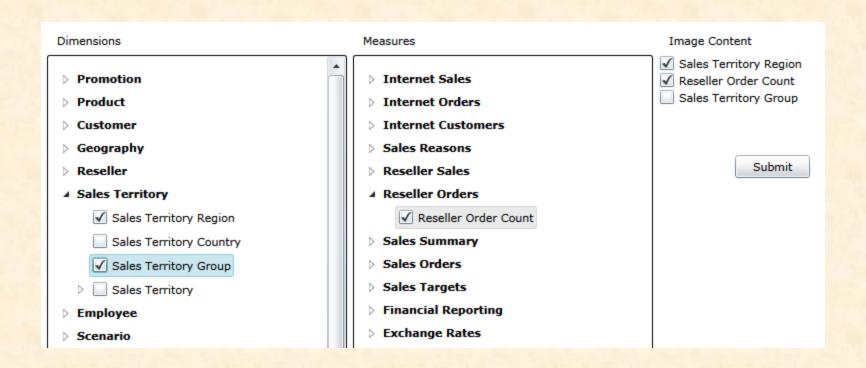
Dashboard



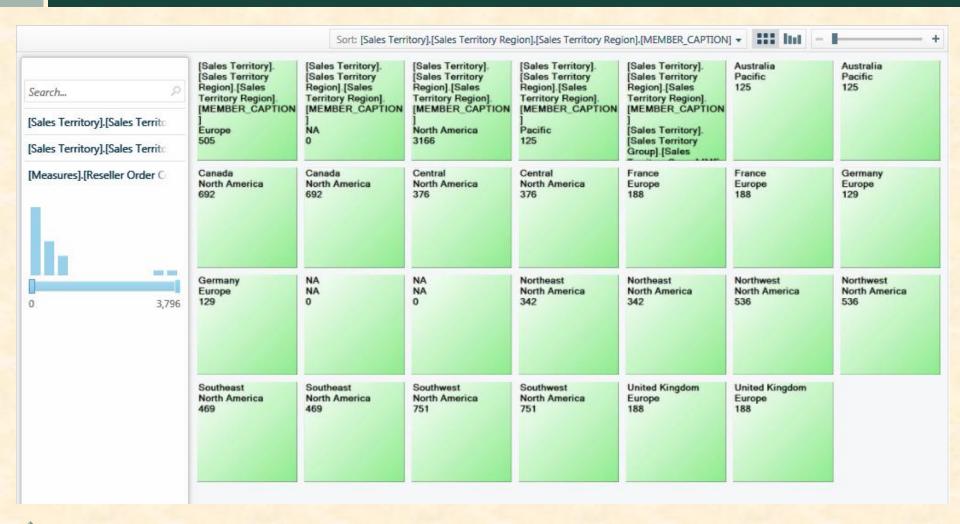
Selecting Source



Selecting Facets



Results





What's left to do?

- Making the interface pretty
- Cleaning up the code
- Complete Documentation