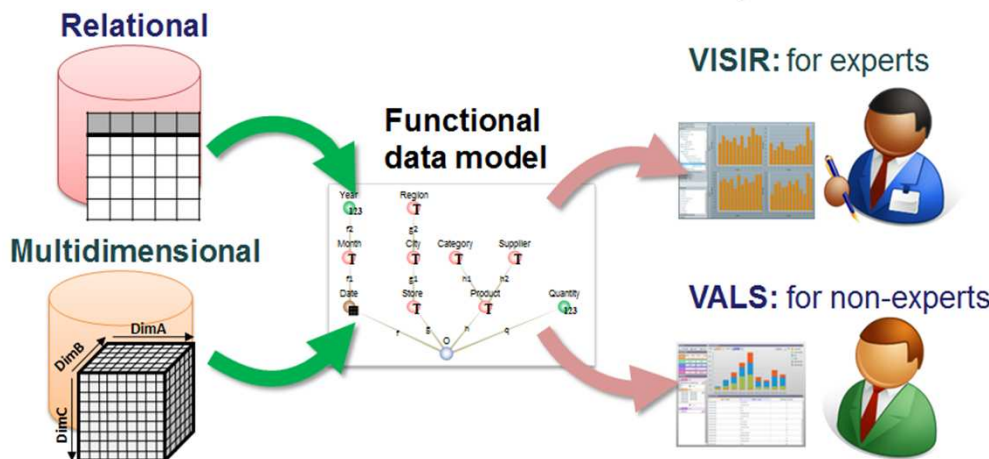


Ekaterina Simonenko, Nicolas Spyratos, Tsuyoshi Sugibuchi

# Information visualization (infovis) systems based on the functional data model

## Outline of our visualization tool



- Various data structures
- ↓
- Uniform abstract model
- Single data source
- ↓
- Flexible visual representations

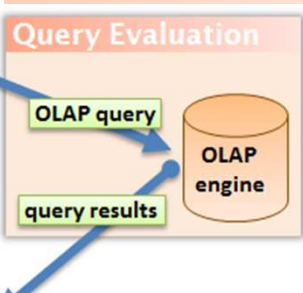
### Analytic Query

**OLAP query formulation** + **choice of result visualization**

by clicking on a visual presentation of the schema

from a visualization of a template menu

- **Flexible visualizations**
  - Users can compose various visualization templates
- **Interactive query formulation**
  - Visual mapping through drag & drop action
  - Automatic query generation



### parametric visualization of query results

choice of visualization parameters by drag and drop from pop up menu

### further exploration of selected results

choice of other representations by drag-and-drop

rollup and drilldown by clicking on a pop up menu

week, year, week, day

