Taxonomy of Functionalities in Visual Query Systems

Paradigms

- Top-down Pattern Specification
- Context Creation
- Bottom-up Data-driven Inquiry

Components

- Exact Specification
- Approximate Specification
- Range Selection
- Flexible Matching
- Controls
- Filter
- Group Comparison
- Concept Querying
- Result Querying
- Recommendation

Features in Zenvisage

- sketch-to-query
- sketch-to-modify
- input equation
- Smoothing
- Ignore x
- narrow x
- change similarity metric
- show scatter
- reverse y
- change number of displayed results
- change cluster size
- change axis
- filter
- dynamic class
- Pattern Upload
- drag-and-drop
- representative and outliers