VISUALIZATION FRAMEWORK CHEAT SHEET

DATA TYPES
-tabular
-networks
-text

DATA ATTRIBUTE TYPES
-categorical
-ordinal
-quantitative (sequential / diverging)

SPECIAL DATA / ATTRIBUTE SEMANTICS
-spatial / abstract
-temporal / static
-continuous / discrete
-independent / dependent

VISUALIZATION ANALYSIS TASKS
-retrieve value
-filter
-compute derived data
-find extrema
-sort
-determine range
-characterize distribution
-find outliers
-cluster
-correlate

CLASSES OF INTERACTION
-changing selection
-changing highlighting
-changing view | navigation
-changing spatial ordering | sorting

VISUAL LAYERING
-global compositing
-item-level stacking

LINKING
-linked highlighting
-linked navigation

VIEW CHOICES
-encoding: multiform
-dataset: small multiple
-data: overview + detail
-conditioning

ZOOMING
-geometric
-semantic

FOCUS + CONTEXT
-selective filtering
-geometric distortion
-selective highlighting | suppression