Sensemaking Process

Domain	Top-Down Pattern Search	Context Creation	Bottom-Up Data-Driven Inquiry
Astronomy	**Goal:** Discover potential supernovae candidates that exhibits peak-then-decay pattern.	**Support:** Examine data regions that are more likely to have supernovae candidates.	**Support:** Identify and eliminate sources of data anomaly to improve match accuracy for finding candidates.
Material Science	**Support:** Find data classes that follows desired functional pattern to understand which solvent types exhibit certain tradeoffs and relationships.	**Goal:** Compare characteristics from different data classes to find a solvent (datapoint) that satisfies desirable properties.	**Support:** Understand the overall tradeoffs and relationships between data attributes.
Genetics	**Support:** Search and browse for genes belonging to the same cluster.	**Support:** Compare genes belonging to different clusters and their known properties.	**Goal:** Understand characteristic pattern profiles in dataset.