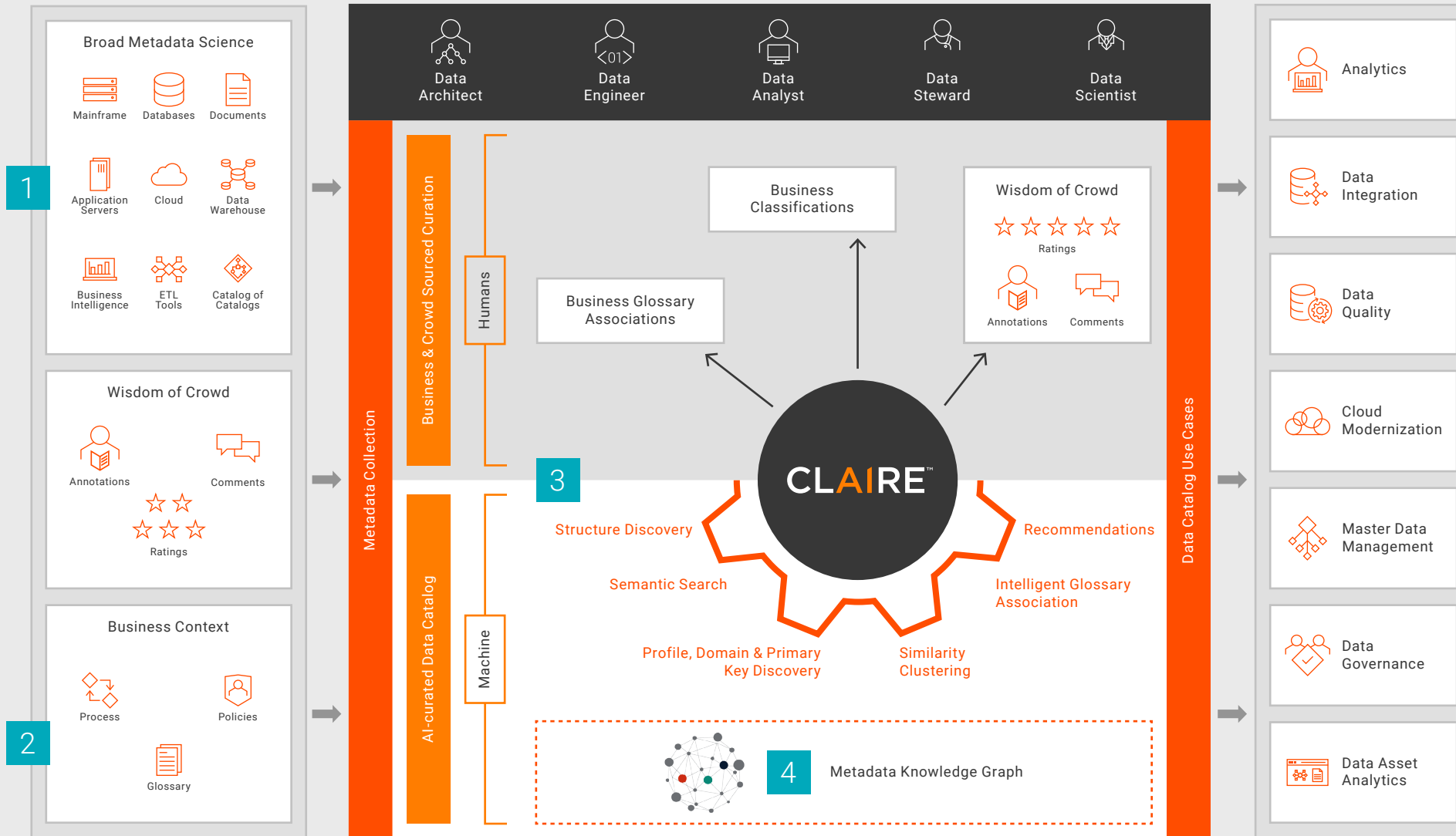


Intelligent Data Catalog

Data-driven digital transformation starts with the data catalog. An intelligent enterprise data catalog automates data discovery with AI-assisted exploration for data-driven decision making and collaboration. At the same time, it provides a single place to collect, index, relate, annotate, and consume information about data assets. Use cases include self-service analytics, data governance, and data asset management.



Key Capabilities of an Intelligent Data Catalog

- 1 The data catalog extracts metadata from a wide variety of structured and unstructured data sources across the enterprise. To increase the value of data, the catalog captures the context of who is using the data for what purpose, as well as data relationships such as lineage and links.
- 2 Integration with a business glossary provides business context for cataloged data assets. Such integration must easily and automatically import and link business terms, definitions and policies with data assets.
- 3 A combination of AI-driven and human-assisted curation accelerates discovery, classification, and similarity detection between data assets.
- 4 The knowledge graph captures the complex relationships among data assets and helps discover non-obvious relationships. The knowledge graph continuously updates all data and metadata—structural, semantic, usage—flowing through an enterprise. The inference engine deduces user intentions and provides recommendations on the best way to consume data for each use case. The combination ensures that trusted data gets where it's needed at the right time.