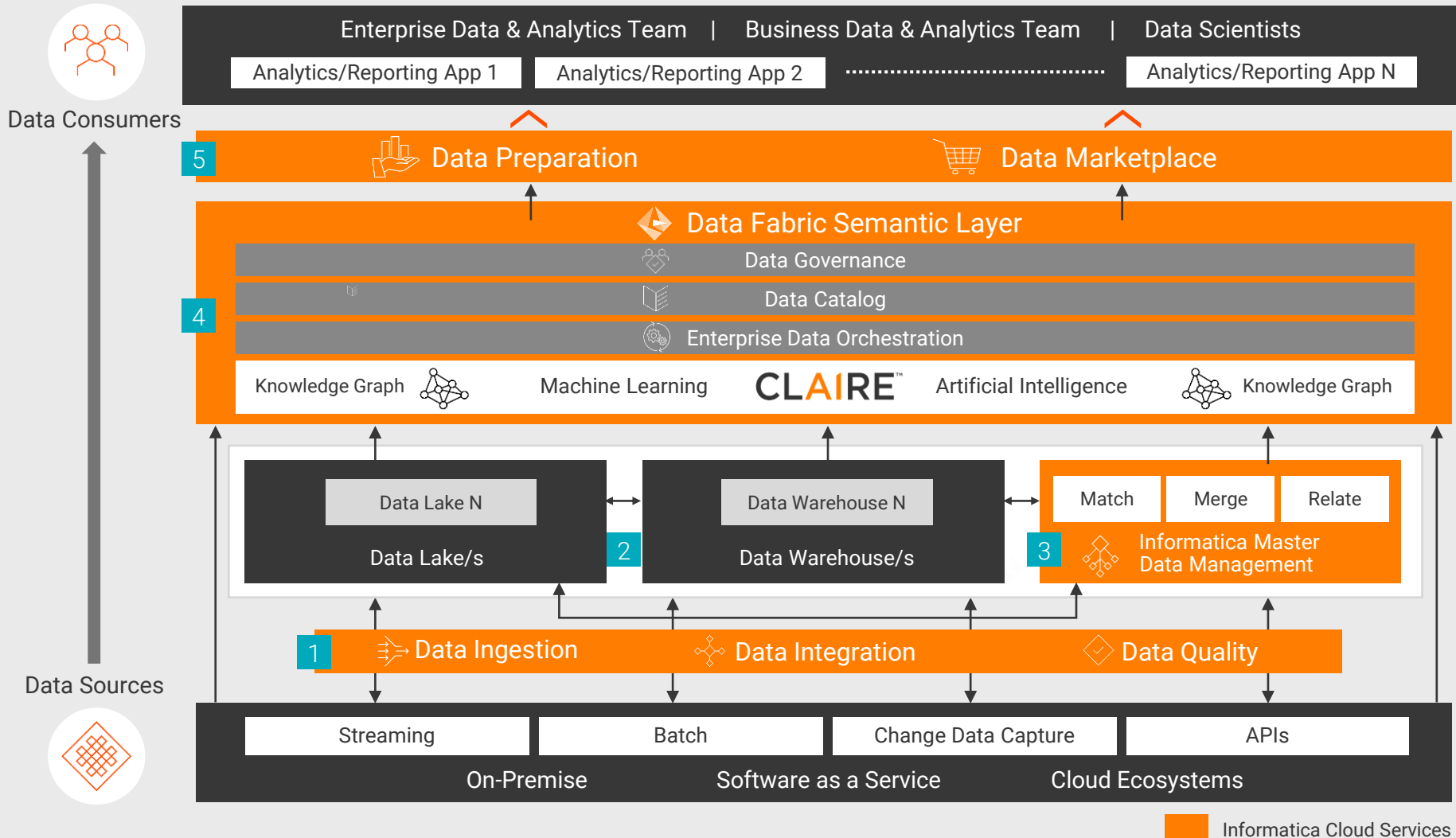


Intelligent Data Fabric

Data fabric integrates and connects entire organization's data intelligently and efficiently by abstracting underlying complexity. It minimizes disruption by enabling a highly adaptable data management strategy with augmented data integration and management.



- 1 Data Ingestion, Data Integration and Data Quality**—Ingest, standardize and cleanse any data, at any speed, from on-premises, software as a service (SaaS) or cloud ecosystems using scalable streaming, batch, change data capture and APIs with comprehensive and high-performance connectivity.
- 2 Data Lake/s, Data Warehouse/s and other analytic data stores**—Store structured and unstructured data using fit-for-purpose data management technologies (RDBMS, Spark, Cloud Storage Objects, NoSQL DBs).
- 3 Master Data Management**—Harmonize common enterprise data that is fragmented across domains. Match duplicate data, merge common data into a "golden master" and relate this shared, high-value data to other relevant data. Make this "golden data" accessible across the fabric.
- 4 Semantic Layer**—Support the "metadata system of record" across all data stores. ML/AI automates the capture and augmentation of metadata from disparate data sources and populates a knowledge graph to document linkages between data and business. The data catalog provides a semantically searchable store of this metadata, including data lineage, data profiling results and tribal knowledge, to facilitate data discovery and understanding. The data governance provides context for the technical understanding, business relevance and usage and access of the data. Enterprise data orchestration coordinates these semantic support processes and data delivery.
- 5 Data Preparation and Data Marketplace**—Governed, self-service provisioning of analytic data for data consumers. Data preparation provides a user-friendly interface to gather, combine, structure and organize this data, while data marketplace creates a "shopping for data" experience to find and deliver data.