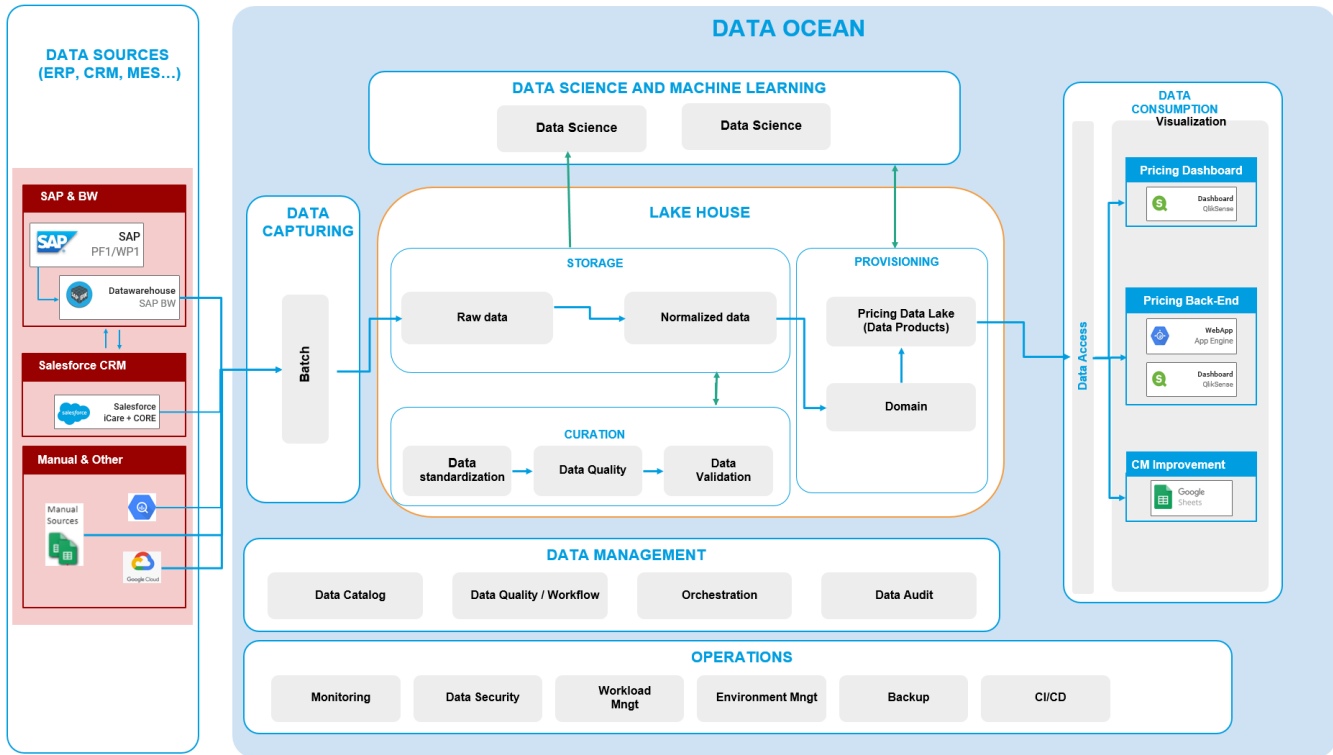


Architecture & Design



Key Components of Data Flow

- **Data Sources:** Both structured and unstructured data from various domains are extracted for processing
- **Data Consumers:** Data is accessed by BI tools, portals and AI tools
- **Data Ocean:** Data ocean is consist of many components, below are few major component
 - **RAW Data:** This layer keeps the data in its original format, which means it can handle different types of data, including structured, unstructured, and semi-structured data
 - **Curated Data Layer:** Data transitioned from the RAW layer to the Curated Data Layer, operating in tandem with the curation block, undergoing essential processes like normalization, validation, and integration
 - **Provisioning:** This block focuses on provisioning detailed data models in an environment tailored for specific use cases
 - **Domain Data Models:** The Domain Data Models layer represents the enterprise-level data models, oriented to Domain
 - **Pricing Data Lake (Data Products):** Data flows to the Data Products block, meaning that Data Products are crafted from Domain data, providing tailored insights for specific business/user needs

Please visit below Wiki page for more details on any of these components.

<https://wiki.solvay.com/display/DA/Components+and+Functionality>