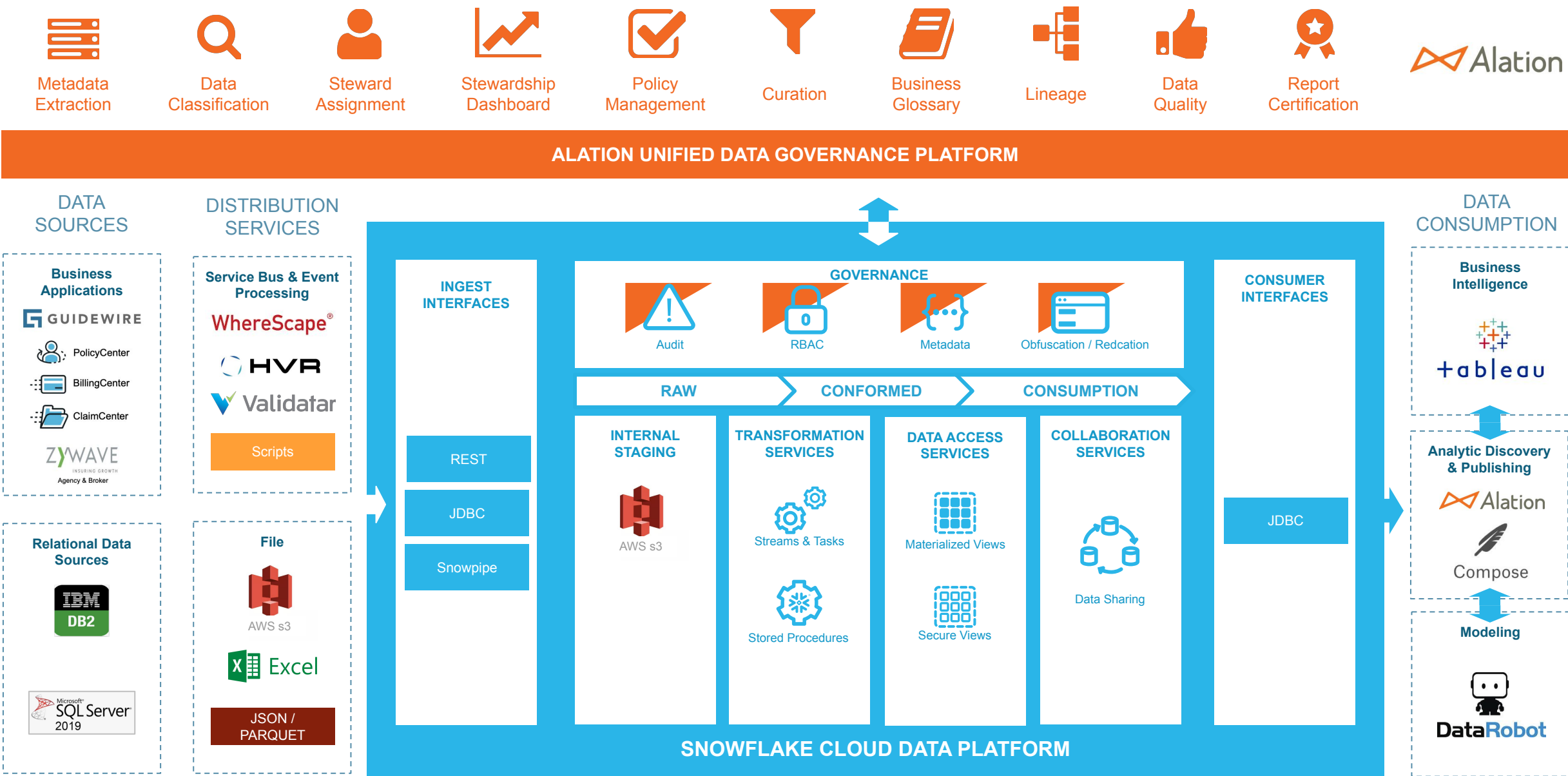


REFERENCE SOLUTION ARCHITECTURE



REFERENCE COMPONENT DESCRIPTIONS - Alation Components

Metadata Extraction	Automated crawlers that are scheduled to ingest metadata and query logs from Snowflake, other enterprise data sources, and BI tools.
Data Classification	Automatically classifies and tags data assets at scale.
Steward Assignment	Governance leaders are notified of new data assets that are not yet assigned a steward so they can make an assignment and ensure that all assets are being managed.
Stewardship Dashboard	Provides core activity notification, progress tracking, and reporting capabilities so stewards can fulfill their responsibility to maintain curated metadata.
Policy Management	Inventory of data governance policies and standards that are associated with specific data sources and queries. They serve as reference material and guide for data consumers as well as data management personnel. Governance leaders collaborate on any revisions to the policies.
Curation	Stewards provide guidance to a community of users who are able to share their knowledge by populating descriptive information about key data assets. This crowdsourced approach helps scale and maintain an accurate understanding of data that is used most frequently.
Business Glossary	Business term glossary used to share and communicate business context that will help data consumers understand uses of data. The terms can be crowdsourced and also authored and approved by specific owners.
Lineage	Visual relationship between data assets and their transformation processes. It represents both intra-data source relationships and cross-system.
Data Quality	The display of data quality scores, threshold violations, and warnings for data assets that informs data consumers. They also trigger the need for technical stewards to analyze and remediate the issue.
Report Certification	Certification attribute on BI reporting/dashboards that communicates to consumers that the data source meets the standards of the governance policy.



REFERENCE COMPONENT DESCRIPTIONS - Snowflake components augmented by Alation capability.

Audit	Snowflake query log ingestion relates query history to the data assets queries and the user who ran the query. This can be explored and reported on the catalog.
RBAC	Roles with access to data assets can be ingested and displayed as attributes in the catalog.
Metadata	Snowflake metadata is crawled and ingested into the Alation catalog on a scheduled basis.
Obfuscation/Redaction	PII and sensitive data indicators in the catalog provide stewards guidance for the creation of Snowflake Masking policies. Existing Masking Policies are indicated on the appropriate catalog asset.