

# Big Data Management Suite



Global IDs

Data Ecosystem Management

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Category	Layer	Function	Deliverables	Incl.	Big Data Mgmt.				
Enterprise Data Architect	Data Discovery	L1	Discover	Data Asset Inventory	●	Use Case : Data Lake Metadata Management	Use Case : Data Lake Quality Management	Use Case : Data Lake Integration	Use Case : Data Provisioning for Data Science
		.a	Structured Data	Structured Data Asset Inventory	○				
		.b	Unstructured Data	Unstructured Data Asset Inventory	○				
		.c	Big Data	Hadoop File System Data Asset Inventory	●				
	L2	Ingest	Inventory of External Data Assets	●					
	Data Profiling	L3	Profile	Semantic Metadata	●				
		L4	Recognize	Business Domains, Taxonomies	●				
		L5	Classify	Global Object Identification	●				
		L6	Map	Business Ontologies	●				
		L7	Compare	Data Comparison	●				
		L8	Lineage	Flow Analysis, Impact Analysis	●				
		L9	Model	Master / Canonical Data Models	●				
L10		Glossary	Business Terms Analysis	●					
Data Quality Analyst	Data Quality	L11	Search	Enterprise Metadata Search	●				
		L12	Monitor	Change Monitoring	●				
		L13	Rules	Rules Repository	●				
		L14	Metrics	Data Quality Metrics	●				
		L15	Steward	RACI Matrix, Policies	●				
		L16	Standardize	Codes, Reference Data, IDs	●				
		L17	De-Duplicate	Duplicate Detection	●				
		L18	Cleanse	Data Cleansing	●				
MDM Architect	Data Integration	L19	Monitor	Quality Monitoring	●				
		L20	Dashboards	Data Quality Dashboards	●				
		L21	Move	Extract, Load, Transform	●				
		L22	Enrich	Enrichment using 3 <sup>rd</sup> Party Data	●				
		L23	Match	Master Data "Golden Copy" creation	●				
		L24	Link	Graphs, Triplestores	●				
Data Scientist	Data Science	L25	Measure	KPIs / Metrics	●				
		L26	Visualize	Visualization Output	●				
		L27	Synthesize	Create Synthetic Data for Testing	●				
		L28	Migrate	Data Migration to Hadoop and/or Cloud	●				
		L29	Analyze	Statistics / Predictive Models with R	●				
		L30	Distribute	Web Applications using REST API	●				