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Future State Target Data Architecture
13 December 2019

Content Management 📂

Enterprise Content Management	Digital Asset Management	Document Management	Imaging

Data Sources ➡️

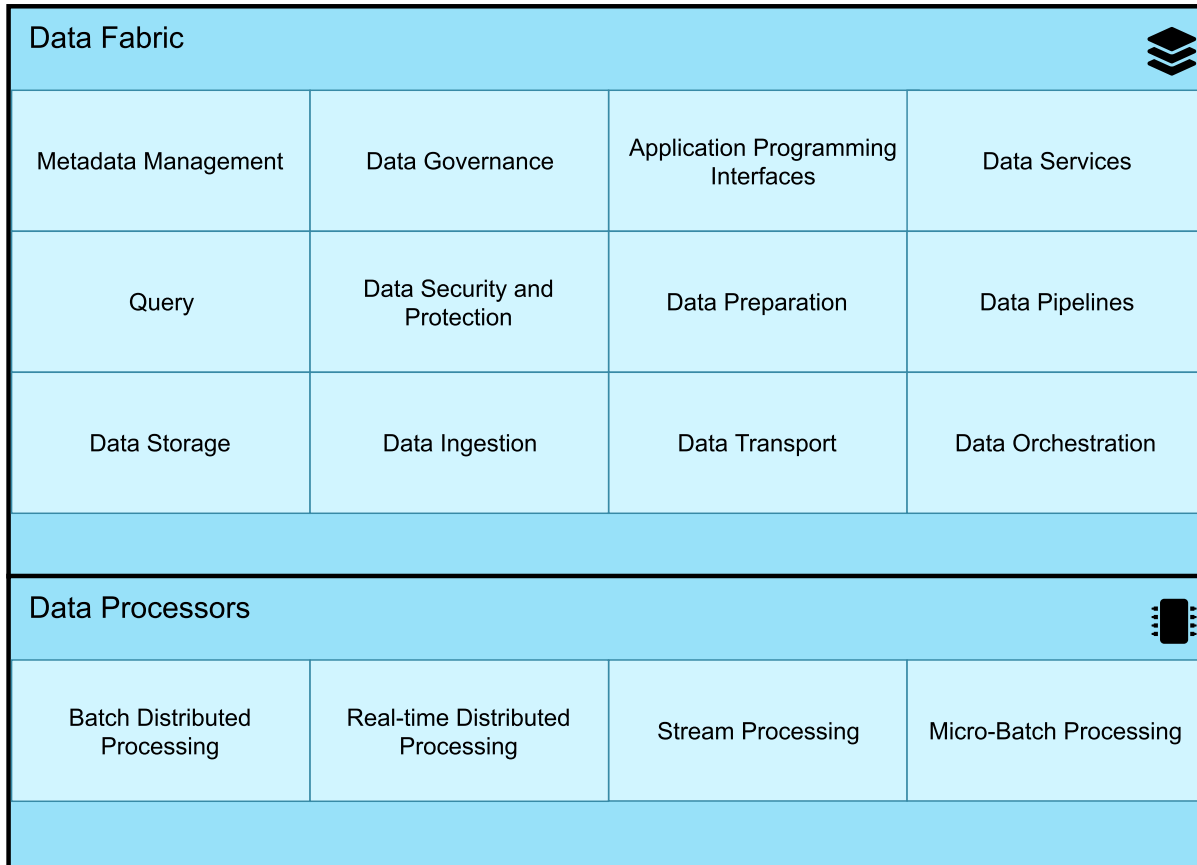| Prospect Research	Athletic Ticket Sales	Hospital System	Campus Enterprise Data Warehouse
Media Properties	Business Services	Advancement Data Warehouse	Master Data Management
Operational Data Store	SaaS Applications	Constituent Relationship Management	Legacy Systems

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Data Catalog

Data Understanding	Dataset Searching	Collaboration	Data Curation
Metadata			

Enterprise Data Hub

Data Exploration	Search Engine	Data Lineage	Governance
Data Protection	AI/ML Processing	Stream Processing	Batch Processing
Data Indexing	Data Harmonization	Data Storage	

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Data Fabric

Metadata Management	Data Governance	Application Programming Interfaces	Data Services
Query	Data Security and Protection	Data Preparation	Data Pipelines
Data Storage	Data Ingestion	Data Transport	Data Orchestration

Data Processors

Batch Distributed Processing	Real-time Distributed Processing	Stream Processing	Micro-Batch Processing

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Deployment Platforms

On-Premises	Amazon Web Services	Microsoft Azure	

Use Cases

Desktop Reporting	Enterprise Reporting	Data Visualization	Statistical Analysis
Business Analytics	Business Intelligence Platform	Dashboards	Data Science

Database Development and Administration Tools

SQL Automation	SQL Analysis	Database Administration Utility	

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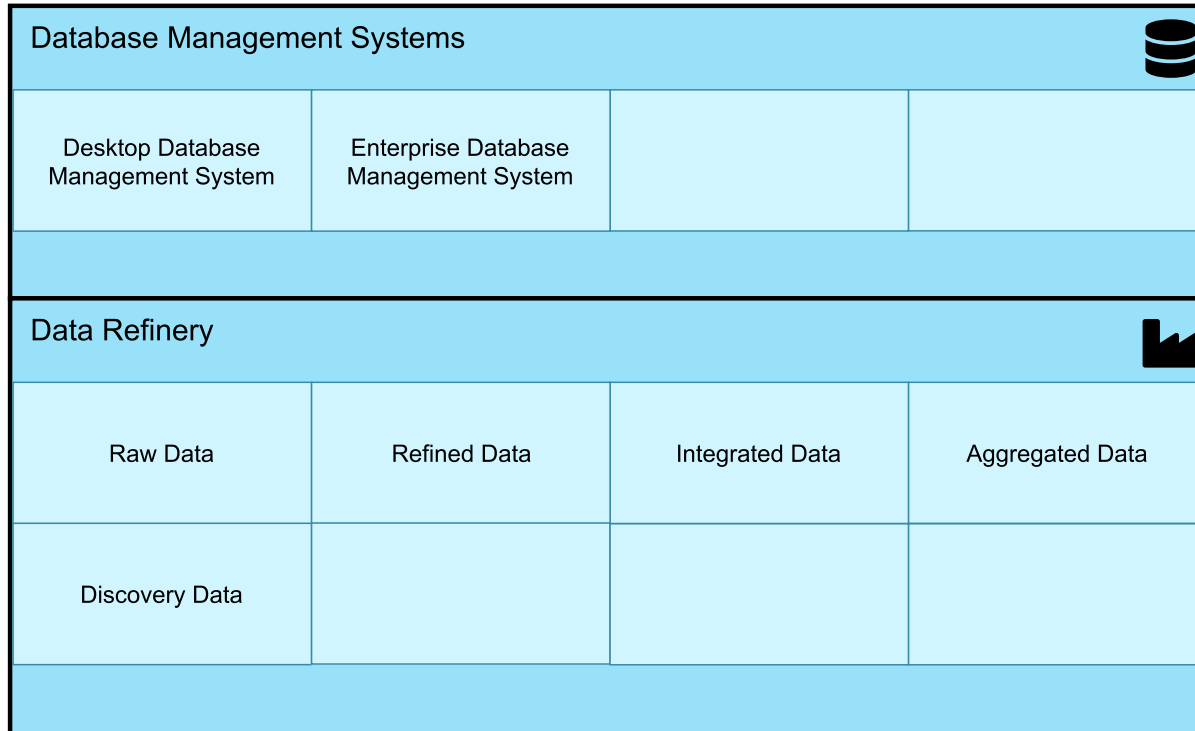13 December 2019

Database Management Systems

Desktop Database Management System	Enterprise Database Management System		

Data Refinery

Raw Data	Refined Data	Integrated Data	Aggregated Data
Discovery Data			

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Consumers			
Business User	Data Analyst	Report Writer	Data Scientist
Donor	Applications	Algorithms	