## ComputeAl

Supported Infrastructure   AWS, Azure, GCP, On-Prem Cloud native     Data Model   Memory Model   Default: Hybrid (Columnar/R Compression: In-memory, or Data Sources     Data Model   File Formats   Parquet     Table Formats   Parquet, Hive Tables     Catalogs   AWS Glue, Hive Metastore     SQL   ANSI SQL 92     Cloud Architecture   Formats     Cost Based Optimization   Al/ML based CBO, schedulin Optimized scan planning Progressive query execution Join/Windowing Strategies     Join/Windowing Strategies   Automatic     Predicate Pushdown   Filters, Aggregates, Projects Skew Management     Indexing   SQL clients	ow) the wire and at rest e, GCS, HDFS rarchy, fine-grained trage
Cloud nativeData SourcesDefault: Hybrid (Columnar/R-Compression: In-memory, or Data SourcesData SourcesS3, NFS, Azure Blob StorageFile FormatsParquetTable FormatsApache IcebergTable FormatsApache IcebergCatalogsAWS Glue, Hive MetastoreSQLCloud ArchitectureQuery Processing and OptimizationQuery Processing and OptimizationCost Based Optimization (CBO)Join/Windowing StrategiesAutomaticPredicate PushdownFilters, Aggregates, ProjectsSkew ManagementAutomatedIndexingIceberg partitioning	the wire and at rest e, GCS, HDFS rarchy, fine-grained rage
Memory Model   Compression: In-memory, or     Data Sources   S3, NFS, Azure Blob Storage     File Formats   Parquet     Table Formats   Apache Iceberg     Parquet, Hive Tables   AWS Glue, Hive Metastore     SQL   ANSI SQL 92     Cloud Architecture   Full Memory and Storage he paging to different tiers of store     Mighly elastic, Kubernetes based   Optimization (CBO)     Join/Windowing   Automatic     Strategies   Automatic     Predicate Pushdown   Filters, Aggregates, Projects     Skew Management   Automated     Indexing   Iceberg partitioning	the wire and at rest e, GCS, HDFS rarchy, fine-grained rage
Data ModelCompression: In-memory, or Data SourcesData SourcesS3, NFS, Azure Blob StorageFile FormatsParquetTable FormatsApache IcebergCatalogsAWS Glue, Hive TablesCatalogsAWS Glue, Hive MetastoreSQLANSI SQL 92Full Memory and Storage he paging to different tiers of storCloud ArchitectureFull Memory and Storage he paging to different tiers of storQuery Processing and OptimizationCost Based Optimization (CBO)Join/Windowing StrategiesAutomaticPredicate PushdownFilters, Aggregates, ProjectsSkew ManagementAutomatedIndexingIceberg partitioning Real-Time fine grained index	e, GCS, HDFS rarchy, fine-grained rage
Data Model File Formats Parquet   Table Formats Apache Iceberg   Table Formats Apache Iceberg   Parquet, Hive Tables Parquet, Hive Tables   Catalogs AWS Glue, Hive Metastore   SQL ANSI SQL 92   Cloud Architecture Full Memory and Storage he paging to different tiers of store   Query Processing and Optimization Cost Based Optimization (CBO)   Join/Windowing Strategies Automatic   Predicate Pushdown Filters, Aggregates, Projects   Skew Management Automated   Indexing Iceberg partitioning	rarchy, fine-grained rage
Table Formats Apache Iceberg   Table Formats Apache Iceberg   Parquet, Hive Tables Parquet, Hive Tables   Catalogs AWS Glue, Hive Metastore   SQL ANSI SQL 92   Cloud Architecture Full Memory and Storage he paging to different tiers of store   Mighly elastic, Kubernetes based Highly elastic, Kubernetes based   Optimization Cost Based   Join/Windowing Automatic   Strategies Automatic   Predicate Pushdown Filters, Aggregates, Projects   Skew Management Automated   Indexing Iceberg partitioning	rage
Table Formats Parquet, Hive Tables   Parquet, Hive Tables Parquet, Hive Tables   Catalogs AWS Glue, Hive Metastore   SQL ANSI SQL 92   Cloud Architecture Full Memory and Storage he paging to different tiers of store   Query Processing and Optimization Cost Based Optimization (CBO)   Join/Windowing Strategies Automatic   Predicate Pushdown Filters, Aggregates, Projects   Skew Management Automated   Indexing Iceberg partitioning	rage
Parquet, Hive Tables   Catalogs AWS Glue, Hive Metastore   SQL ANSI SQL 92   Cloud Architecture Full Memory and Storage he paging to different tiers of store   Highly elastic, Kubernetes based Highly elastic, Kubernetes based   Query Processing and Optimization Cost Based Optimization (CBO)   Join/Windowing Strategies Automatic   Predicate Pushdown Filters, Aggregates, Projects   Skew Management Automated   Indexing Iceberg partitioning	rage
SQL ANSI SQL 92   Cloud Architecture Full Memory and Storage he paging to different tiers of store Highly elastic, Kubernetes back Al/ML based CBO, schedulin Optimized scan planning Progressive query execution Join/Windowing Strategies   Join/Windowing Strategies Automatic   Predicate Pushdown Filters, Aggregates, Projects Skew Management   Indexing Iceberg partitioning	rage
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Cloud Architecture paging to different tiers of store   Highly elastic, Kubernetes based Highly elastic, Kubernetes based   Al/ML based CBO, scheduling Optimized scan planning   Progressive query execution Progressive query execution   Join/Windowing Automatic   Predicate Pushdown Filters, Aggregates, Projects   Skew Management Automated   Indexing Iceberg partitioning	rage
Query Processing and Optimization Cost Based Optimization (CBO) Al/ML based CBO, schedulin Optimized scan planning   Join/Windowing Strategies Progressive query execution   Join/Windowing Strategies Automatic   Predicate Pushdown Filters, Aggregates, Projects   Skew Management Automated   Indexing Iceberg partitioning	ised
Query Processing and Optimization Cost Based Optimization (CBO) Optimized scan planning   Join/Windowing Strategies Progressive query execution   Predicate Pushdown Automatic   Predicate Pushdown Filters, Aggregates, Projects   Skew Management Automated   Indexing Iceberg partitioning   Real-Time fine grained index	
Query Processing and Optimization Optimization (CBO) Optimized scan planning   Join/Windowing Strategies Automatic   Predicate Pushdown Filters, Aggregates, Projects   Skew Management Automated   Indexing Iceberg partitioning	g and demand paging
Query Processing and Optimization Join/Windowing Strategies Progressive query execution   Join/Windowing Strategies Automatic   Predicate Pushdown Filters, Aggregates, Projects   Skew Management Automated   Indexing Iceberg partitioning   Real-Time fine grained index	
and Optimization Join/Windowing Strategies Automatic   Predicate Pushdown Filters, Aggregates, Projects   Skew Management Automated   Indexing Iceberg partitioning   Real-Time fine grained index	during load
Skew Management   Automated     Indexing   Iceberg partitioning     Real-Time fine grained index	
Indexing Iceberg partitioning Real-Time fine grained index	
Indexing Real-Time fine grained index	
Real-Time fine grained index	
SQL clients Any JDBC SQL client	ing
BI Tools Tableau, PowerBI, Looker, Q etc.	uickSight, Superset,
Fine-Grained Entitlements   Table, Column and Row leve     PostgreSQL's Role-Based Address	0
SLAs Manage price/performance	
Rolling Upgrades/CICD	
SSO Customizable SSO (OAUTH	LDAP)
OAuth based Authentication	(Customizable)
Security Data at Rest Encryption on S	
Admin controlled seamless u	3
CICD and Rolling Upgrades 24x7, 1 hour response time	
Support Best Practices Guides	
Monitoring/Dashboard Browser based	

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