Kinect CONSULTING

Lightning POC | Data Platforms on AWS

Rapid, High-Quality POC's at Lower Cost

Lightning POC's leverage Kinect Theia, an automation framework for creating secure, reliable data platforms on AWS, so you can implement a successful, production-ready data and analytics POC in far less time, at considerably lower cost.

The options below are appropriate for your organizations if your objective is to:

1. Ingest, secure, organize and query semi-structured data (CSV, JSON, XLS)
2. Add batch processing to POC 1
3. Ingest, secure, organize, query and transform relational data (Oracle, MSSQL, MYSQL)
4. Add real-time change data capture and transformation to POC's 1-3
5. Add RedShift data warehouse and ability to publish data from a data lake to POC's 1-4
6. Implement a POC that is more complex or larger in scope than the other 5 options

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LIGHTNING POC INCLUDES	1 1 Day	2 2 Days	3 3 Days	4 4 Days	5 5 Days	6 Varies by Scope
Ingestion datalake area setup	●	●	●	●	●	●
Ingest up to 3 semi-structured files (csv, json, xml)	●	●	●	●	●	●
Create Glue catalog for ingested data	●	●	●	●	●	●
Apply PII security rules at attribute level	●	●	●	●	●	●
Organized datalake area setup	●	●	●	●	●	●
CDC (change data capture) and partitioning	●	●	●	●	●	●
Glue catalog for organized data	●	●	●	●	●	●
Analysis datalake area setup		●	●	●	●	●
Batch transformation		●	●	●	●	●
RDBMS migration for up to 3 tables			●	●	●	●
RDBMS CDC (batch)			●	●	●	●
RDBMS CDC (real-time)				●	●	●
Events streaming and analytics				●	●	●
RedShift Datawarehouse setup, model design					●	●
Publish transformation/analytics results to Redshift					●	●
Choose any number and types of data sources						●
Schema Conversion Tool						●
Client code to upload files to S3						●
Client code to send events to Kinesis						●
EMR Setup						●
Spark jobs on EMR						●
REST API for datalake						●
HIPPA or PCI comliance for data workloads						●