

A set of packaged professional services to help AWS customers validate, pilot, and/or accelerate their AWS Cloud Data Lake initiatives

Duration

- 6 Weeks

What You Get

- Selection of Data Lake Pilot Use Case (that fits into the 6 Week window)
- Implementation of agreed upon use case from ingestion to consumption in a Development environment
- Tactical Plan to Operation
- Foundations of the Data Lake Reference Architecture for your enterprise that includes S3 & Redshift
- "NorthBay Data Lake Toolkit" (Code snippets, Accelerator Scripts and Libraries)
- Validate/Suggest Ingestion, Transformation and Reporting platforms and identify gaps
- Visualization/Reporting connected via QuickSight
- Catalog, ability to search and visualize the datasets in the Data Lake
- Strategy Consulting with stakeholders for medium and long term data platform and analytics needs
- Roadmap for subsequent use case implementations

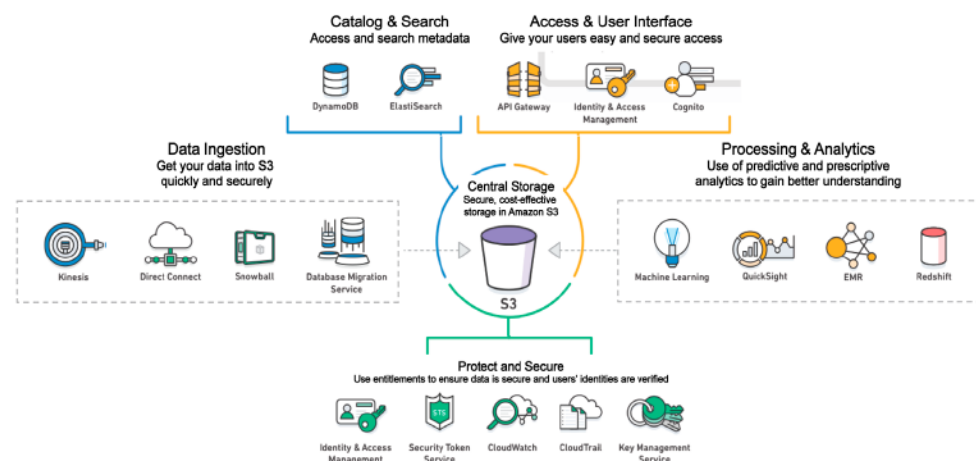
AWS Managed Service Included

- Ingestion & Storage - S3 for Raw File/Object Storage and enhanced (if applicable)
- Warehousing - Redshift
- Transformation - Basic transformations with EMR/Matillion
- Analytics/Visualization - QuickSight
- Orchestration - Data Pipeline/step functions
- Monitoring - CloudWatch
- Metadata & Data Lake Catalog - DynamoDB
- Exploration - Exploration/visualization with Elasticsearch/Kibana
- Governance and Access – IAM (if applicable)
- Automation – CloudFormation
- Microservices – API Gateway & Lambda (if applicable)

*This Jump Start Package has been configured to deliver based on this precise set of AWS Cloud Tools and Data Source attributes. If changes are required in the services or data sources NorthBay will gladly consult with client to reconfigure the package, services and pricing to their unique requirements.

**NorthBay will provide the client with the proper pre-project preparatory tasks which need to be completed prior to start to ensure the JumpStart launches correctly.

Building a Data Lake on AWS



About NorthBay

NorthBay is an AWS Advanced Consulting Partner. Our intense focus is unparalleled in the areas of Big Data, Data Lakes and Enterprise Data Warehouse Solutions.

Key Statistics

- Big Data Competency, Mobile Competency and Education Competency
- 200+ customers
- 300+ solutions developed
- First AWS partner WW to achieve the Certified AWS Big Data Competency

Certifications/Expertise

- S3
- Redshift
- Redshift Spectrum
- EMR w/ Spark
- DynamoDB
- Kinesis
- Lambda
- Athena
- Glue
- ML



BIG DATA COMPETENCY

NorthBay

100 Burt Road, Suite 227
Andover, MA 01810
(617) 433-9221
sales@northbaysolutions.com

www.northbaysolutions.com