AWS Fit Assessment

4 to 6 weeks

Legacy MPP Database to Redshift Migration

$25K to $40K*

*Excludes AWS & Partner Funding

ETL: Talend, Informatica, Wherescape, Spark, SSIS, DataStage, Ab Initio.

BI: Tableau, Qlik, MSTR, Business Objects, Cognos.

DATA SCIENCE: Dataiku, DataRobot, Alteryx

INTERACTIVE QUERIES: Presto, Qubole, Apache Tez

AWS Account access required to setup and configure Redshift and related AWS services

> 83% of data migration projects either fail outright or exceed their budgets and schedules – Gartner

> Many Enterprises invest poorly on assessment and planning phase, setting themselves up for failure

DISCOVERY

- Understand business and technical drivers and identify high impact business case and associated candidate production workloads (that fits 4 to 6-week window) for the assessment

KEY ACTIVITIES

Analysis: Comprehensive analysis of key drivers for migration and arrive at the below:

Use cases: Shortlist use cases to support innovation —Serverless, Data Democratization, increased support for Real-time data processing and Data Science workloads etc.

Benchmark: Shortlist benchmark tests not limited to — Baseline, Concurrency, Availability, DB Maintenance and Scalable Compute involving ETL, BI, Data Science and interactive query workloads.

Assessment: Assess fitment of AWS as a platform that supports innovation through quickfire POC. Run shortlisted benchmark tests using candidate workloads (with minimal code change) for different AWS server instances and capture performance metrics

Exec Presentation: Walkthrough benchmark results and potential performance gain and cost efficiency along with target state AWS architecture of the platform that supports innovation

OUTCOME:

- Evaluate Redshift and related AWS services (S3, Glue, Lambda, EMR, Kinesis, Spectrum, Athena, Sagemaker) as a platform that supports innovation and identify potential performance uplift and cost-effectiveness, before full scale migration

  - Performance benchmark report
  - Cost benefit projections
  - Future State Architecture AWS