



IMPROVING PERFORMANCE BY REFACTORIZING LEGACY ETL ON CLOUD

CLIENT OVERVIEW

Our client is a Leading American Brokerage and Banking Company.

KEY REQUIREMENTS

- The existing brokerage and lending rate system used was unable to scale
- Major objectives were to reduce processing time of streaming data and increase efficiency of ETL processes through templates

KEY CONTRIBUTIONS

- Implementation of templates using Spring Cloud Data Flow on PCF and Spring Cloud Configuration Server, reducing time to deploy and allowing auto-scaling capabilities based on needs
- High volume ETL processes consisting of daily jobs to load and transform upwards of 300GB of streaming data of semi structured documents in various formats
- The ETL processes were converted to event driven real time processing through automation scripts
- Create, orchestrate and optimize cloud-native data pipelines for Data Ingestion, Real-time Analytics, and Data Import/Export using Splunk

KEY BENEFITS

- Faster analytics of real time streaming data, due to reduction of processing time from 8 hrs. to 45 mins
- Increased reliability through consistency in deployment and reducing errors

TECHNOLOGY STACK

- spring
- Pivotal CloudFoundary



About Xoriant:

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