

## **CASE STUDY**

### **Data Ingestion and Validation to cloud dbs**

#### **1.0. Group/ Project team**

Data testing team involved in data validation for migration project of 200+ sources to AWS Data Lake using Data bricks

#### **2.0. Problem definition**

##### **B2k data ingestion:**

To test the data between source and target system for B2K is as per business requirement

##### **Corelogic:**

To test the data between source and target system for Corelogic is as per business requirement

##### **CMSOR:**

To test the data between source and target system for Corelogic is as per business requirement

#### **3.0. Project Execution**

- ✓ Analyzed the Business Requirements Specification, System Requirements Specification and User Interface Specification documents
- ✓ Used qTest for Test Case Planning and upload, Test Execution
- ✓ Used Rally for Defect reporting and triage
- ✓ Conducted Regression testing, System Testing/ System Integration Testing
- ✓ Usage of automated test scripts using Python for automation validation in Databricks for Table validation (count & duplicate), table structure validation (metadata), Hash/ Merge key validation, Not Null validation, etc.

##### **Summary**

All the projects were delivered in Agile mode having 2 weeks sprint cycles and without any defects.