

# Database Archival for Insurance Industry

A multi-billion dollar alternative investment management firm based in NYC, New York. The investors include pension funds, insurance companies, asset managers, investment consultants and sovereign wealth funds

## Technology Used

Microsoft SQL Server, Microsoft SQL Server Management Studio, Window Server

## Solution & Value Proposition

- ▶ Partition Switching was performed to reduce purging time and help in retaining only required data.
- ▶ Retained only required data for non-partitioned tables
- ▶ Strategies were framed based on Business Rules
- ▶ SDLC process with test case scenarios on each of DEV/UAT/QA/PROD environments

## Business Benefits:

- ▶ Performance improvement by reducing the execution time to 15 minutes from 3 hours
- ▶ Able to run the database under limited resources
- ▶ Re-runnable and configurable script which can be executed from any desktop irrespective of required tools
- ▶ All ambiguous data was cleared
- ▶ Ensured this process doesn't create any kind of residue

## Business Challenges

- ▶ Customer had a huge database (2TB) which had too many Filters and Business Rules
- ▶ Customer had a issues with log-shipping
- ▶ Log Space was Limited
- ▶ Non availability of Production Database access
- ▶ Limited knowledge on Business cases and background
- ▶ Non availability of monitoring tools
- ▶ Non availability of Performance running tools