

33% increase in the performance of a Learning Management System for a Leading Education Provider



BUSINESS REQUIREMENTS



Test Analytically-proven assessments, multi-media remedial content and video based real-life simulations



Cross platform support for streaming online, interactive online content and printed materials



Test data transformation - data mismatch, miscalculation and/or loss of data



OUR SOLUTIONS



Data Integrity validation on Data ingestion layer & Data processing layer



Automated data validation with Zero data loss validation across different layers



Query performance monitoring, Source - target data mapping



4V data validation (variety, volume, velocity and veracity)



TOOLS / TECHNOLOGIES



Cloud Services
Amazon AWS S3, Qubole



Server Implementation
Scala / Java, Sqoop, Oozie



Database
Hive, Oracle Data Mart



Test Tools
Java, JDBC, MRUnit



Data Visualization
Tableau



BUSINESS IMPACT

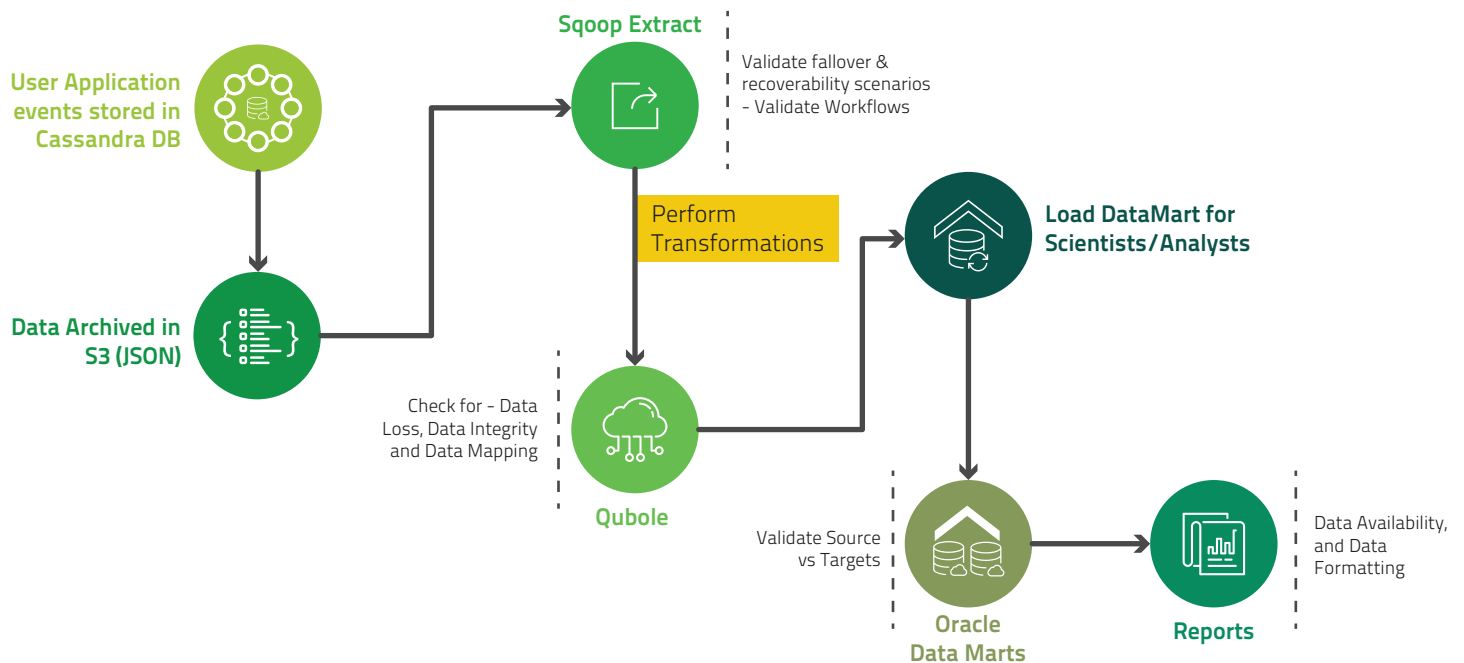


Quicker response time was achieved by fine tuning and redesigning DB query and adding nodes to cluster



33% increase in the performance upon partitioning and categorizing data

DATA VALIDATION WORKFLOW



About Happiest Minds Technologies:

Happiest Minds, the Mindful IT Company, applies agile methodologies to enable **digital transformation** for enterprises and technology providers by delivering seamless customer experience, business efficiency and actionable insights. We leverage a spectrum of disruptive technologies such as: **Big Data Analytics**, AI & Cognitive Computing, **Internet of Things**, Cloud, Security, SDN-NFV, **RPA**, Blockchain, etc. Positioned as "Born Digital . Born Agile", our capabilities spans across product engineering, digital business solutions, infrastructure management and security services. We deliver these services across industry sectors such as retail, consumer packaged goods, edutech, e-commerce, banking, insurance, hi-tech, engineering R&D, manufacturing, automotive and travel/transportation/hospitality. Headquartered in Bangalore, India; Happiest Minds has operations in USA, UK, The Netherlands, Australia and Middle East.