incedo

Modernizing data processing for a leading US based financial services provider with AWS

Key Challenges

- The client's on-premise Cloudera faced resource shortages, delaying data loads and missing SLAs

- Integration with cloud services was slow and inefficient

- Application and database migration caused performance bottlenecks

- Managing secure, dynamic credentials in Informatica for cloud resources was complex

Business Solution

- We migrated data processing to Amazon EMR, a cloud-native platform

- Installed Informatica BDM on AWS EC2 instances

- Re-engineered ETL processes in cloud-based BDM

- Used S3FS to mount S3 buckets for credential-less access

- Automated RDS credential rotation via AWS Secrets Manager and CLI

Business Impact

25%
SLA compliance achieved for daily data loads

20%
improvement in data retrieval and report generation speed

Reduced costs significantly by decommissioning on-premise infrastructure

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