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evolving ideas

/ Humanizing
Technology

NIHILENT & AWS

Empowering Data-Driven Decisions

CONTEXT

A prominent NBFC, supports the dynamic needs of aspirational India, serving both individual and business clients. With a robust capital base and impressive credit ratings, this well-established institution is a trustworthy financial partner. Providing a wide range of services in Lending and BPO, its goal is to offer comprehensive solutions for diverse financial needs.

PROBLEM

The current data infrastructure had several challenges, including data and master silos, duplication and inconsistent reporting, and reliance on manually generated MIS. Moreover, employees were facing difficulties in accessing critical data and insights efficiently.

SOLUTION

Nihilent collaborated with the client's IT team, selecting a suitable cloud platform after thorough comparisons. Leveraging their ready-to-deploy data model and STM template, Nihilent built a tailored Modern Data Warehouse. Essential MIS reports, such as Credit Report - 30 Days Rolling Data, Dealer Ranking Summary, and Disbursal Summary, were included in the solution. An extensive metadata catalogue ensures seamless data management and enhances governance and security across all components. The solution was crafted using AWS Glue, S3, AWS Lake Formation, Redshift, EC2, KMS, and CloudWatch.

CONCLUSION

In conclusion, Nihilent's collaboration resulted in a robust Modern Data Warehouse solution, effectively addressing data challenges. Leveraging advanced cloud technologies like AWS Glue, S3, AWS Lake Formation, Redshift, EC2, KMS, and CloudWatch, the platform enables better data-driven decisions and enhanced efficiency.