

Use Case: AI-Powered Loan Monitoring Platform

Client

A dynamic Fintech company based in India, specializing in providing cutting-edge lending decision platforms to banks. Their innovative technology enables banks to make informed lending decisions within a remarkably short span of 30 minutes.

Business Problem

In tandem with their lending decision platform, the client identified a pressing need for a robust Loan Monitoring platform to proactively address risks associated with loan repayments.

Traditionally, the process of assessing loan repayment risks involved manual scrutiny of customers' bank statements, credit scores, and various documents. Seeking to streamline this process and enhance efficiency, the client aimed to automate document processing, data extraction, and risk flagging to ensure a more rapid and accurate risk assessment.

Solution

To address the client's intricate document processing and risk assessment needs, we presented a comprehensive solution:

- **Document Complexity:** Acknowledging the varying formats of bank statements, credit reports, and other documents, we recognized the limitations of traditional OCR technology. In response, we leveraged our deep learning-based pre-trained AI accelerator, capable of handling both structured and unstructured documents.
- **Accelerated Platform Development:** Leveraging our AI accelerator and extensive expertise in developing AI-powered platforms, we rapidly built the Loan Monitoring platform for the client within a remarkably swift 12-week timeline.
- **Custom AI Model:** We crafted a tailor-made AI model designed to analyse extracted data from bank statements, credit reports, and customer demographic details. This AI model effectively flagged potential repayment risks.
- **Integration and Time Savings:** Through a seamless integration of our AI model with the Loan Monitoring platform, we significantly expedited the deployment process. Our technology-driven approach reduced development time by at least 30%, delivering substantial cost savings and faster time-to-market.



Outcome

The adoption of the AI-Powered Loan Monitoring platform yielded remarkable outcomes for the client:

- **Enhanced Efficiency:** The client achieved their goal of offering a swift and accurate risk assessment solution to their existing client base, bolstering their reputation as a reliable Fintech partner.
- **Competitive Differentiation:** By utilizing the Loan Monitoring platform as a key differentiator, the client positioned themselves as leaders in the industry, attracting new customers seeking innovative lending solutions.
- **Time-to-Market Advantage:** Our AI accelerator and platform development expertise allowed the client to expedite the platform's creation, giving them a significant time-to-market advantage compared to traditional development approaches.
- **Operational Savings:** The streamlined, AI-powered platform translated into substantial operational savings, allowing the client to allocate resources more strategically and focus on core business objectives.

Conclusion

Our collaboration with the Fintech company led to the creation of an AI-Powered Loan Monitoring platform that reshaped the way loan repayment risks are assessed. By employing advanced AI technologies and our expertise in platform development, the client swiftly transformed their vision into reality. As a result, they are now able to serve their existing clients more effectively, expand their customer base, and realize substantial cost and time savings. This successful implementation exemplifies the power of leveraging AI for innovative solutions in the financial industry.