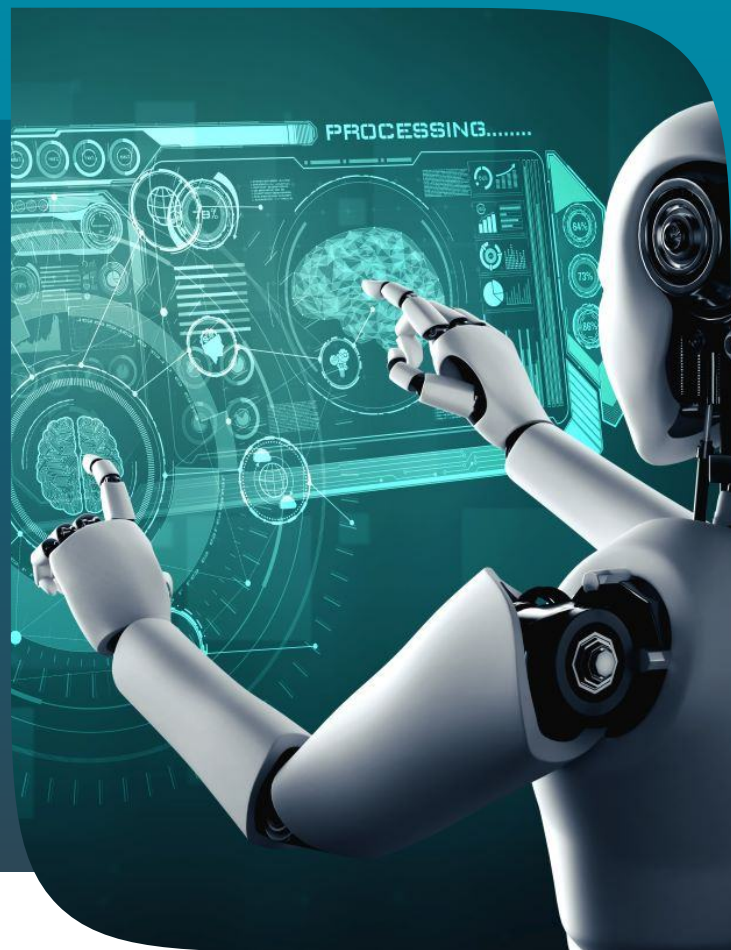


ROBOTIC PROCESS AUTOMATION CASE STUDY

RISK MANAGEMENT SYSTEM – BANKING AUTOMATION



OVERVIEW

Updating NRI client balances from multiple banks (Axis Bank, IndusInd Bank, HDFC Bank, ICICI Bank, IDFC Bank, Kotak Mahindra Bank, YES Bank) is a time-sensitive, manual process involving email data downloads, filtering, adjustments, and reporting. Automating these steps with UiPath enhances efficiency, accuracy, and timely delivery.

PROBLEM

- 1 Time-Sensitive Manual Task:** Daily balance uploads for NRI clients must be completed before market hours.
- 2 Multi-Bank Data Collection:** Data is received from 7 banks via emails or password-protected links
- 3 Data Organization and Adjustments:** Bank-wise data is organized, adjusted for prior trade purchases, and 2% deductions are applied.
- 4 Final Data Submission:** Adjusted data is sent to the RMS team in the required format.
- 5 Lengthy Manual Processing:** The manual workflow takes 25–30 minutes daily to complete.

SOLUTION

UiPath bots automate the process with :

1

Web Automation : Bank portal logins and perform data download.

2

Database Automation : Query execution and data retrieval.

3

Excel Automation : Vlookup and filtering for adjustments.

4

Folder Automation : File organization.

5

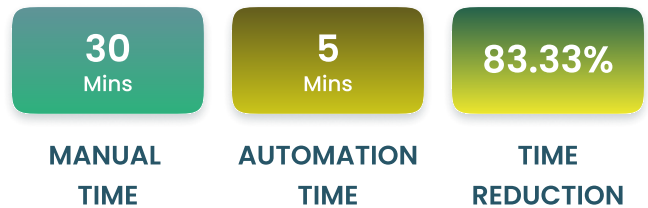
Email Automation : Success/failure notifications.

ACTION

- Access and Download Files: Log in to email and download files for all banks.
- Bank Portal Access: Log in to the HDFC portal to download additional files.
- File Decryption: Enter passwords and unzip downloaded files.
- Database Connection: Execute queries to retrieve master file data.
- Data Processing in Excel: Perform VLOOKUP and apply formulas for required columns.
- File Automation: File store on a secure path.
- Email Automation: Auto-trigger success/failure notifications.

RESULTS

1. Enhanced Efficiency :



2. Improved Accuracy:

- Error Reduction : **99%**

3. Timely Delivery : System - generated data is consistently delivered by 7:45 a.m. daily.

4. Optimized Workflow : This automation has significantly reduced manual effort and processing time while improving efficiency and accuracy. Files are generated accurately with date-wise logs for each bank

FUTURE PLANS

1. Multi-Bank Integration: Expand bot capabilities to support additional banks and financial institutions, ensuring seamless scalability.

2. Audit Trail Automation: Maintain detailed logs of all bot actions for compliance and transparency.