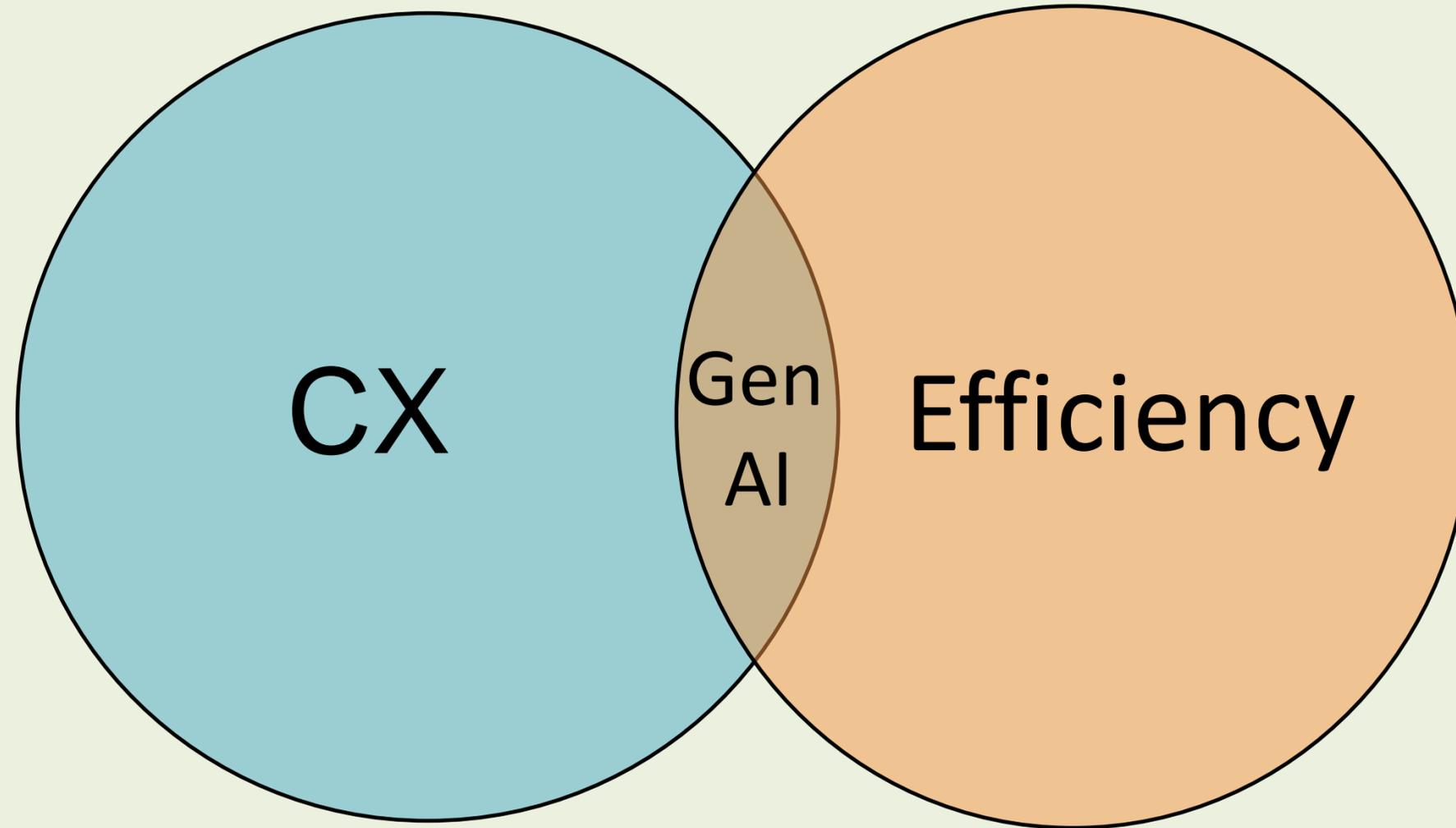


AI Transformation For Financial Services



BFSI 4.0



AI Experts

1. MLAI is an AI Startup with expertise on GenAI , GPT 4o , ML , RPA , OCR , NLP & DALL.E – serving large Financial firms with Business Impacting AI-projects
2. Microsoft's preferred partner for AI use-cases
3. Presence : Mumbai, Bengaluru, Delhi NCR (HO)
4. Team Size : 65

Solutions

GenAI Assistants

CX
AI Sales Buddy

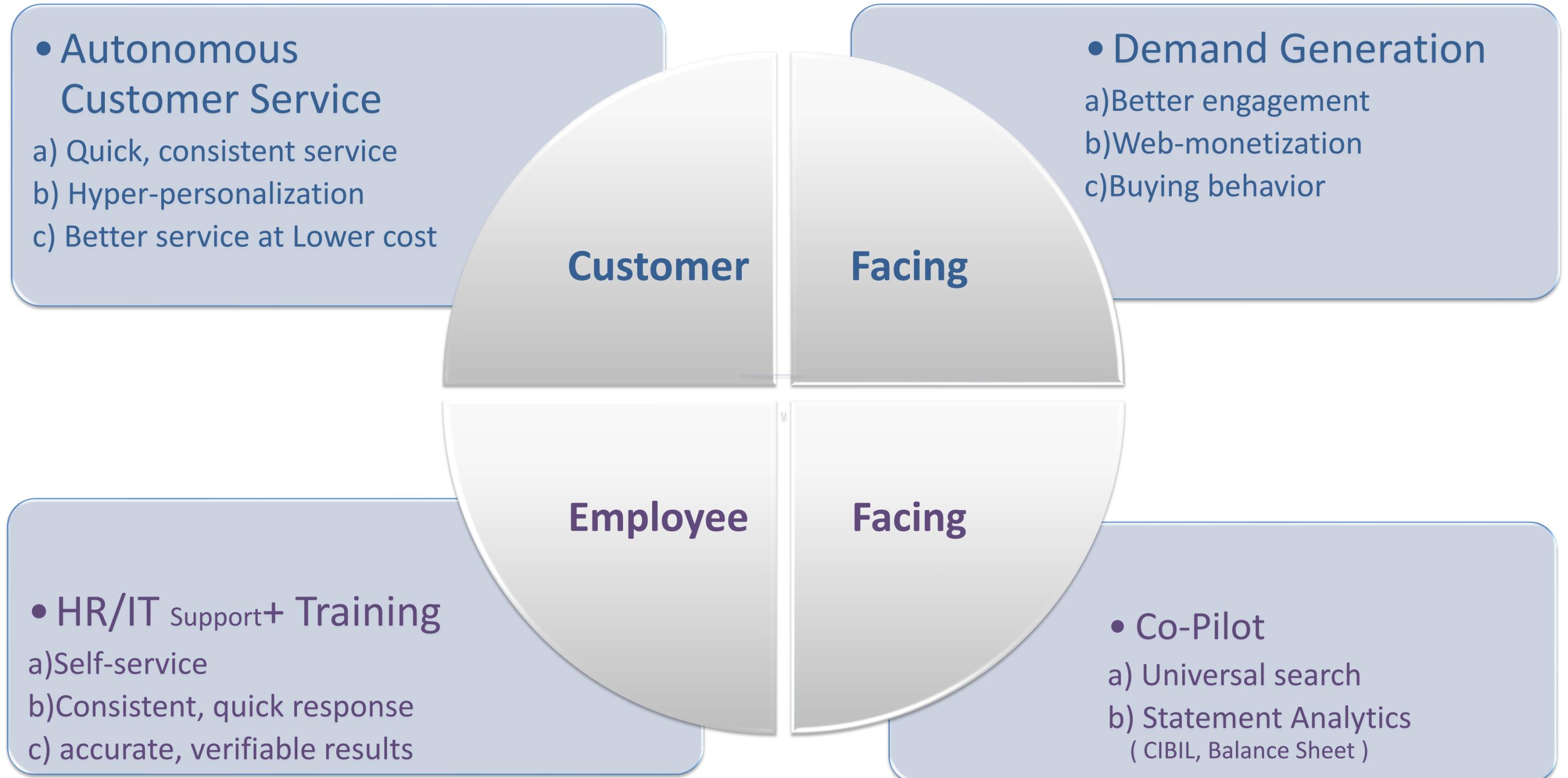
Intelligent Automation

AI-KYC
OCR Workflows
RPA
IT ServiceDesk

Projects

Call Center Analytics
HR Automation
Staffing
Data Lake

Gen-AI Assistants



Universal Search

Outputs as :

1. Text
2. Voice
3. Avatar
4. Graphs

Inputs as :

1. PDF
2. Excel
3. Word
4. Webpages
5. Audio
6. Video
7. Drawings
8. Hand-written Docs
9. Any CRM via API

15+ Indian Languages

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All Major Foreign languages



Demo of GenAI Assistant

Text based

MyMutualFundGPT

Examples	Capabilities	Limitations
What is Mutual Fund	Allows Users to receive Curated Website Information	May occasionally generate incorrect information
Get fund related information	Remembers the last asked questions	May occasionally produce harmful instructions or biased content
Get info on NAV/AUM	Trained to Decline Inappropriate Questions	Not a substitute for professional, legal or financial advice

Hi, how can I assist you today?

Kindly type your query

Avatar based

MLAI Machine Learning Artificial Intelligence DIGITAL TRANSFORMATION



Hello! How can I assist you today?

Show.

The requested information is not available in the retrieved data. Please try another query or topic.

Not able to delete and add secondary loan.

To delete or add a secondary loan, the user needs to ensure that the secondary loan is added or deleted before the NDC completion. Additionally, the user should click on the "Add Loan" option under product details for adding a secondary loan. If the primary collateral is tagged as dropped under the "Type of Collateral" field, the user can add a secondary property.

Generated by AI, not recorded by a real person.

AI Sales Buddy for Sales

1. Knowledge base

- a. Central pool of all product, process, compensation, HR policies, Compliance
- b. Chat GPT response = better engagement
- c. All answers at one place. In Reps language. No running around

2. Recommendation Engine

- a. Best product for customer basis profile details
- b. Quicker turnaround
- c. No guess work

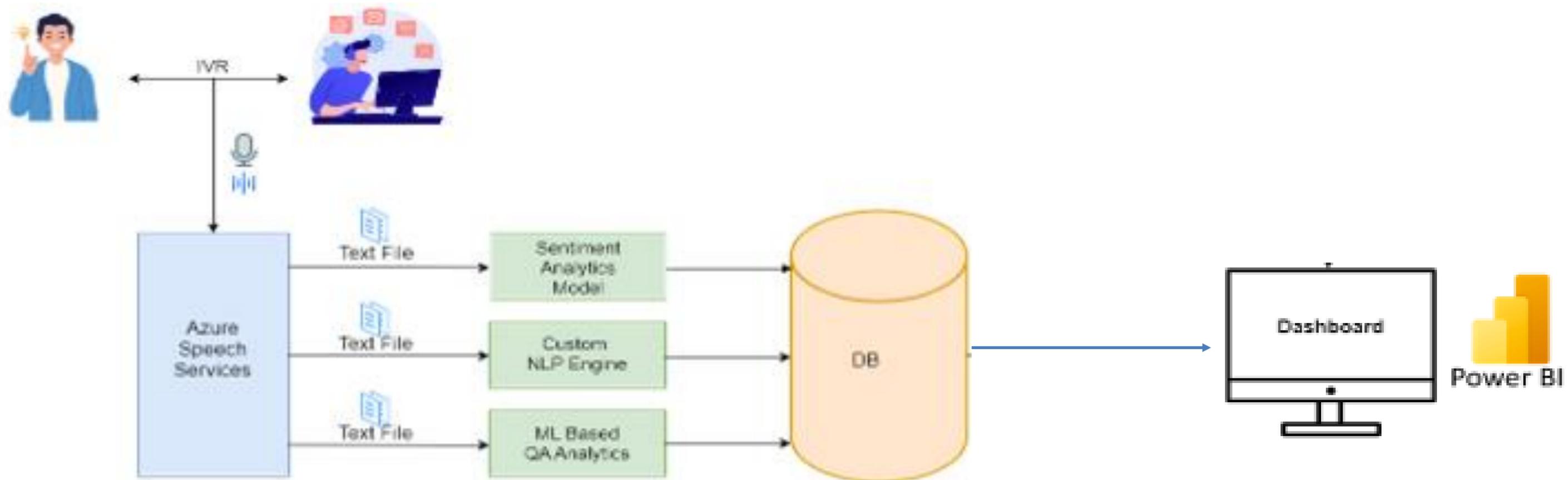
3. Automated, custom Training

- a. Quick Training content creation with no human intervention
- b. Custom Training, basis frequent mistakes made by Reps
- c. Automated Quiz creation

Efficient Sales

Lower attrition

Call Centre Analytics using NLP



1. Speech Recognition and ML/DL
2. Use of Cloud Speech Recognition APIs to Convert Speech into Text
3. ML for Pre-Processing, NLP for Sentiment and Semantic Analytics
4. ML based QA Analytics and Score Generation
5. Data Visualization on PowerBI Dashboard

AI powered KYC

Automated Technologies Used in Digital Onboarding For Banks

Data Collection



- Robotic Process Automation
- Intelligent Document Processing
- Business Process Automation

KYC Due Diligence and Screening



- Optical Character Recognition
- Machine Learning and NLP
- Business Rules Automation

Onboarding Decision



- Government API Integration
- Validation through Regulatory APIs

Risk Rating



- Underwriting Rails using Bureau APIs
- ML Based Analytics

OCR + LLM Capabilities



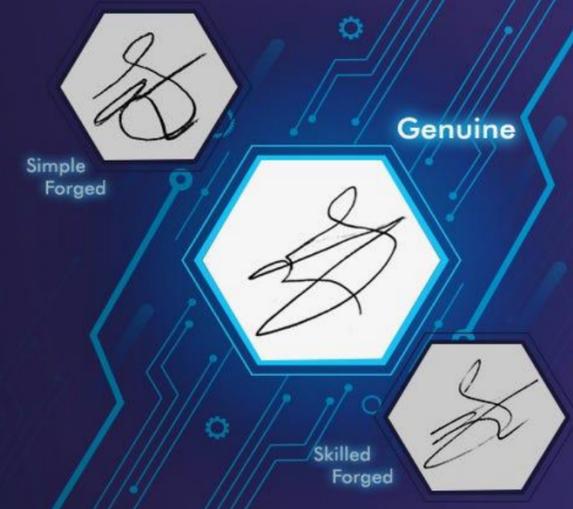
New Customer Onboarding

1. OCR / ICR can extract Information from Various Bank Documents with no manual intervention
2. AI tool can read Cheques, KYC Documents, Account Statements
3. Extract is validated with Government & Regulatory APIs and pushed to downstream apps via RPA
4. Processing volume of 5L docs / day

Signature Detection and Matching

- Anomaly Detection in Documents
 - Signature and Stamp Detection and Extraction
 - Signature Matching
- Volume - 10K/Day

Signature Fraud
Detection
Using
**Artificial
Intelligence**



OCR + LLM Capabilities (cont.)

AI Based Cheque Processing (INWARD/OUTWARD) using Cognitive Engine

- Tech - **OCR** and ML/DL
- OCR to Extract Data from the Bank Cheques.
- ML for Business Rule Validation
- Integration with Mobile App

Details to be extracted:-

1. Payee Name
2. Amount in words
3. Amount in Numbers
4. Cheque Date
5. Account Number
6. All the Numbers in the Last line - MICR Code
7. Bank Name and IFSC
8. Account Holder Name
9. Date

Bank
DAHOD Branch

VALID FOR THREE MONTHS ONLY
3 0 0 6 2 0 1 8
D D M M Y Y Y Y

Pay Amund General Store Or Bearer
या धारक को

Rupees रुपये five thousand seven hundred
forty nine only अदा करें ₹ 5749/-

A/c No.
खाता नं. 024801506410

24/4/18

L.V. Baryya
LALITKUMAR VALABHAI BARIYA
HINABAHEN LALITKUMAR BARIYA
Please sign above

371934 389229021: 506410* 31

AI Based Receipts/Bill Processing using OCR

- Tech - OCR and ML/DL
- OCR to Extract Data from the Bills and Receipts.
- Integration with Mobile App



OCR + LLM Capabilities (cont.)



**Accuracy for OCR
for
Printed Documents –
98%**



**300 Types of Bank
Documents**

**Both Structured and Unstructured
Documents**

OCR Languages:-



Azure-OpenAI Use Cases

Document Search for ICICI Bank

A common use case where banks receive large documents with approximately 1000 pages and a user is trying to search some relevant information out of it. Azure OpenAI is the best platform as it parses (OCR sometimes) through this data and gives accurate information to the user at the earliest. The Open AI version used is GPT 3.5 Turbo

Website Search for Aditya Birla

A mutual fund user requires a lot of information on a daily basis and the same can be a tedious task if he has to read a lot of data to gather this information. Azure OpenAI is used in the form of Chatbot which crawls data from the website and gives accurate information to the user at the earliest. it could be in the form of text, image, charts or tabular data. The Open AI version used is GPT 3.5 Turbo

Image Search and Vice Versa

Chatbot is used to generate data from the knowledge base present on the website for the image provided. In case of text it will share the image associated with it.

Conversation AI using GPT for a Health Insurance Company

We have used OpenAI as a core NLP technique to run behind Cognitive Speech Services which fetches information from the Website of the Health Insurance company and provide the information as a voice note

Robotic Process Automation ([RPA](#))

Capabilities on :

1. Power-Automate
2. UiPath
3. Automation Anywhere
4. Domain Expertise on Banking / Insurance / NBFCs
5. End to end solution

Projects done :

1. SwiftBot - International payment status checking
2. Checking EMI clearance status
3. Legal document preparation
4. Checking OTP delivery status
5. Loan pre-closure

Staffing Solutions

Data Science Profiles

1. Share-point developer
2. Python developer
3. Ui Path Business Analyst
4. Power Automate Developer
5. Computer Vision Engineer
6. GCP Engineer
7. NLP & OCR engineers
8. Dot Net Developer etc.

GenAI based HR Automation

1. [Shortlisting](#) Resumes
2. [Interview](#) (Basic)
3. [Training](#) for new Hires

Data Lake Snow-Flake & MS Fabric



Microsoft Fabric

The data platform for the era of AI



Data
Factory



Synapse Data
Engineering



Synapse Data
Science



Synapse Data
Warehousing



Synapse Real
Time Analytics



Power BI



Data
Activator



OneLake

Some Customers



Thank You

Contact for Demo & Details

Abhishek 9891041644 abhishek.singh@mلاitech.io