



STHENOS

TECHNOLOGIES

POWERED BY NEOSOFT TECH

Capabilities

Generative AI



About Us

Overview



4000+
Employees



10
Global Offices



9
Development
Centers



1,00,000+ Sq.ft.
Office Space

Clientele



1500+
Clients



50+
Countries



85%
Clients Retention



22+
Industry Verticals

Achievements



2000+
Products Engineered



1500+
Applications
Developed



12+
Awards



20+
Million Development
Hours

Partners



Microsoft

 Google Cloud

 Magento

Great
Place
To
Work.
Certified
INDIA

25+
YEARS OF
EXCELLENCE



CMMI DEV / 5

Certified To Deliver Quality



This is to affirm that
Sthenos Technologies Inc
Organizational Unit: Software Development Unit
has been appraised at
Maturity Level 5
of the Capability Maturity Model Integration for Development,
Version 3.0



CMMIDEV / 5SM
CMMI © V 3.0 / Exp. 2027-08-17 / Appraisal #72520

ISO

9001:2015
Quality Management

ISO

27001:2013
Information Security

ISO

20000-1:2011
IT Management

ISO

22301:2012
Business Continuity
Management

How we help

Sthenos Technologies has been a trusted Digital Partner for global brands & new age disruptors in the Manufacturing industry. Businesses partner with us to build & leverage digital capabilities to optimize costs, operate better, provide phenomenal CX, make data driven decisions & build new revenue channels.

Natural Language Processing (NLP)

- Text Analysis
- Chatbots & Assistants

Custom Language Models (LLMs)

- AI-driven chatbots
- Personalized interactions

Data-Driven Insights

- Trend analysis
- Strategic recommendations

Creative Design Assistance

- Graphic design
- Video editing

Personalized Marketing Campaigns

- Targeted messages
- Increased engagement

Operational Efficiency

- Task automation
- Workflow optimization

Product Development

- Rapid prototyping
- Feature optimization

What We Do

Team Augmentation

A team of 4000+ Battle Tested engineers across 100+ Different Stacks.

We are your Digital Factory, dedicated teams to supercharge your development throughput.

0 Operational Overheads.

Agile & On Demand.

Fixed Scope

We offer meticulously crafted project specifications and timelines for cutting-edge development, seamless integrations and feature-rich solutions.

The Sthenos Technologies approach ensures your projects are delivered with precision and excellence.

Managed Services

Our IMS services helps enterprises to run Business as usual.

With strong SLA driven services, 24x7 Support, Governance and Technology expertise, we help to optimize processes and costs.

Our Expertise

We help businesses wherever they are in their digital journey. From consulting for a **digital transformation** to carving out a **technology roadmap**. Our expertise helps you to **drive ROI** from your digital initiatives.

Digital Transformation

UX/UI Consulting

Web & Mobility Solutions

Enterprise API Management

RPA

Legacy Modernization

Digital Product Engineering

Custom Software Engineering

QA Services

Maintenance

Managed Services

Infrastructure & IT Operations

Cloud Consulting

DevSecOps

Cloud Migration

Cloud Management

Data Management & Analytics

Data Engineering

Governance

B.I. & Analytics

Artificial Intelligence

M.L. Models

Model Generation

M.L. Ops

Data Science

Internet of Things

IoT Consulting

Software Defined Features

IoT Applications

Innovation Lab

MVP & POCs

Rapid Prototyping

Emerging Tech

Team Augmentation

Solution Architects

B.A.

Developers

Data Scientists

Selected Clientele



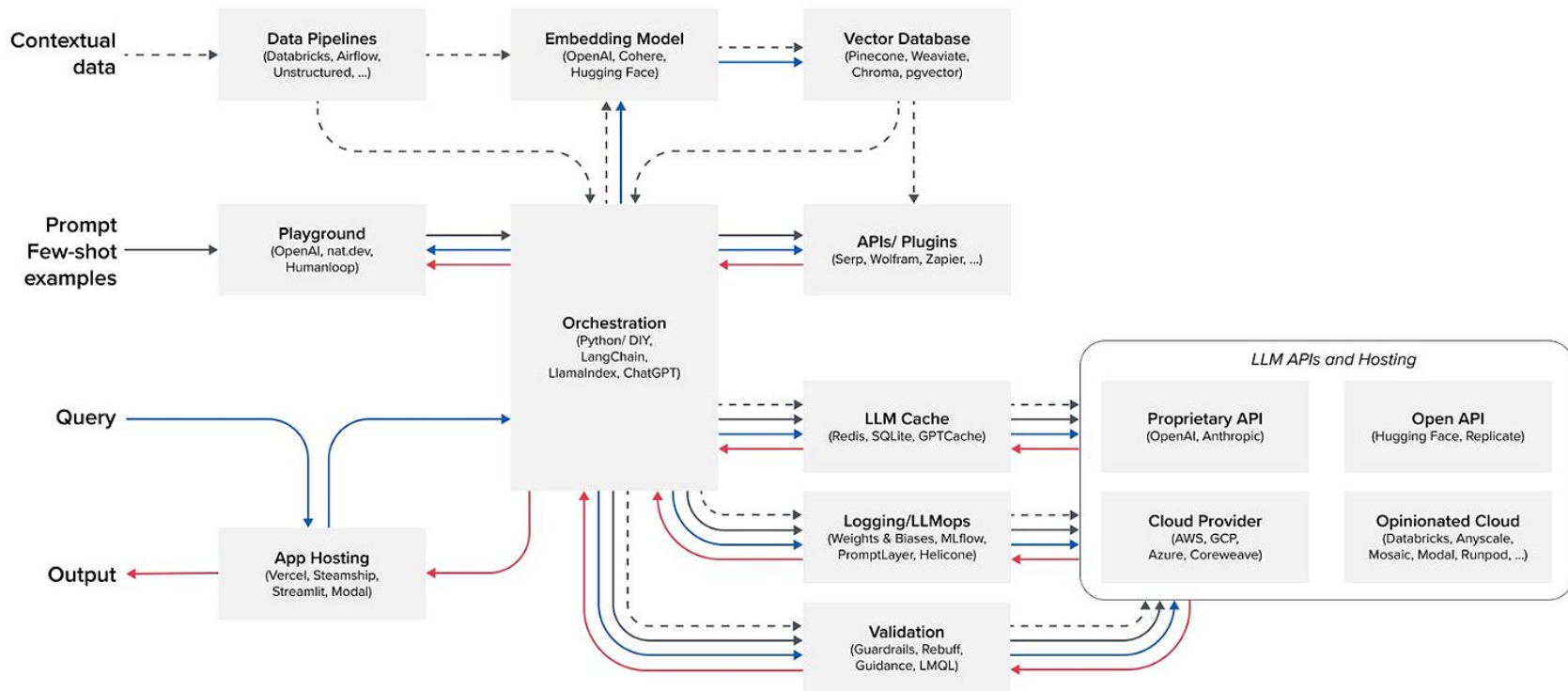
Emerging LLM App Stack

LEGEND

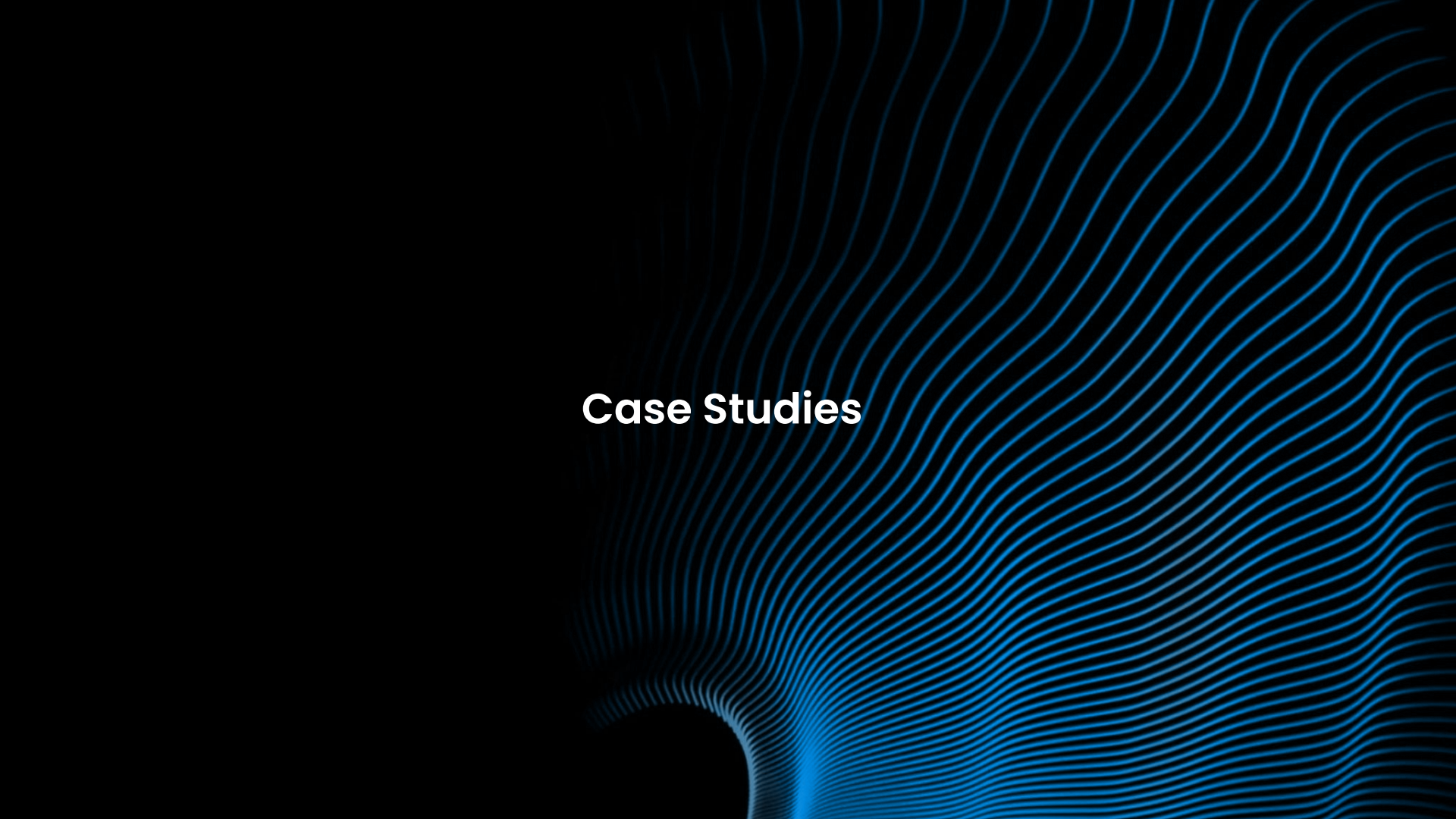
Gray boxes show key components of the stack, with leading tools/systems listed

Arrows show the flow of data through the stack

- - - -> Contextual data provided by app developers to condition LLM outputs
- - - -> Prompts and few-shot examples that are sent to the LLM
- - - -> Queries submitted by users
- - - -> Output returned to users



Case Studies

The background of the slide is a solid black field. On the right side, there is a series of thin, light blue lines that curve and ripple across the frame, creating a sense of motion and depth. These lines are more densely packed in some areas and more spread out in others, giving the impression of a wave or a field of energy. The overall effect is modern and tech-oriented.

One Of The Largest And Most Influential Multinational Consumer Goods Corporation

Built a Generative AI module using AIF 360 to produce unbiased market intelligence.

Enhanced Market Insight

Cost Reduction

Risk Mitigation

Outcomes

Richer Market Intelligence

- Used Generative AI to improve market intelligence by simulating scenarios, generating data, predicting preferences, and offering cross-cultural insights.

Cost-effective Research

- Streamlined market research by summarizing vast amounts of material swiftly, cutting down costs compared to traditional methods.

Risk Mitigation

- AI simulations mitigated market risks, lowering product failure chances and financial losses.

Solutioning

Challenges

- Generative AI outputs required verification with real-world data for accuracy and reliability.
- Avoiding biased datasets to lead to inaccurate market representations in Generative AI models.
- Balancing Generative AI with traditional methods in capturing human expertise.

Technical Spotlight

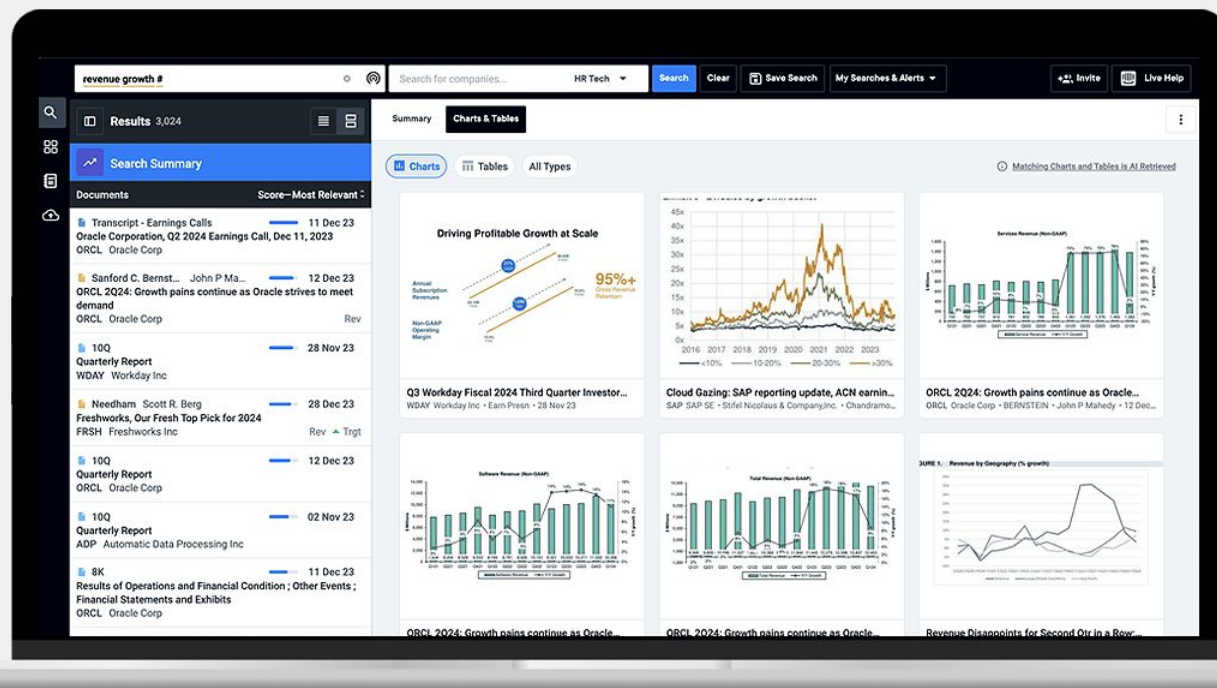
- Used Apache Spark to validate AI insights with verified data, enhancing reliability.
- Utilized IBM's AI Fairness 360 to identify and mitigate biases in Generative AI models.
- Deployed integrated platforms like H2O.ai, combining Generative AI with human-in-the-loop for comprehensive market analysis.

Solution Highlights

- Established protocols to validate Generative AI outputs with real-world data, boosting market intelligence reliability.
- Developed algorithms to detect and mitigate AI-generated bias for fair market representations.
- Integrated Generative AI with traditional research to leverage AI insights and human expertise.

Tech Stack





A Global Logistics Company Providing International Express Mail Services

Transformed Logistics and Planning Through Gen AI Innovation.

Efficiency and Resilience

Real-time Insights

Improved Decision-making

Outcomes

Enhanced Resilience

- Generative AI identified disruptions, simulated scenarios, and enabled proactive risk mitigation, enhancing supply chain resilience.

Improved Performance

- Prioritizing alerts and optimizing decision-making drove efficiency and performance in supply chain operations.

Optimized Efficiency

- Using Generative AI for scenario analysis and optimization helped make informed decisions, cut costs, reduce waste, and enhance efficiency.

Solutioning

Challenges

- Bias in data or AI models can result in unfair recommendations and discriminatory practices.
- Ensuring effective collaboration between AI systems and human experts.
- Managing the complexity and scalability of global supply chains.

Technical Spotlight

- Implemented BERT to improve supplier assessment accuracy and streamlined communication with supply chain stakeholders.
- Hyperledger secured supply chain data while blockchain ensured transparency and trustworthiness.
- Utilized AWS SageMaker to deploy and scale Generative AI models for supply chain simulation and optimization.

Solution Highlights

- Embedding fairness and impartiality in AI algorithms and decision-making processes mitigated bias and boosts transparency.
- Encouraged AI-human collaboration through training, feedback, and transparent communication.
- Implementing scalable AI infrastructure to handle the complexity and volume of supply chain data.

Tech Stack



Dashboard

Orders

Clients

Fleet Management

Warehousing

Messages

John Doe
Admin

218

Total

This month



13

-1%

Pending



79

+6%

Completed



21

+3%

In Transit



7

-5%

Reported

Hey, [Truck #235](#), [Truck #312](#), & [Truck #17](#) are progressing way slower than usual. Please checkup on them.

okay what could be the probable cause for this?

Message TruckGPT



Search using vehicle id, number, name ...

Filters

View all 24

In Transit 12

Pending 13

Reported 7

Truck #235

Vehicle number: 3UD2741

IN TRANSIT

CURRENT LOCATION

Salt Lake City, UT

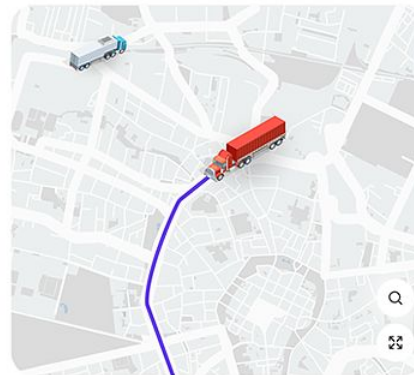
SOURCE

San Francisco, CA
6:30 am, 23 Mon

DISTANCE COVERED

/ 730 / 1807 mi

DESTINATION

Kansas City, MO
(Est.) 9:42 am, 24 TueJake Drake
Trucker

A Prominent British News And Media Conglomerate

Utilized Openmined to develop a cutting-edge generative AI module for advanced content creation

Time Efficiency

Quality Enhancement

Personalization

Outcomes

Greater Efficiency

- Used Generative AI tools to streamline content creation workflows, improving task management throughout production.

Improved Content Quality

- The integration of Generative AI supplemented human creativity, leading to higher-quality content output.

Audience-Centric Content

- Generative AI helped customize content for target audiences, aligning with trends for better engagement.

Solutioning

Challenges

- Navigating copyright and attribution risks requires responsible usage to avoid legal issues.
- AI-generated content altering brand style and quality risks consumer trust.
- AI model accessibility raises privacy concerns, risking misuse and fake content dissemination.

Technical Spotlight

- OpenAI's CLIP provides legal compliance for Generative AI content creation.
- StyleGAN produces high-fidelity, high-res images for consistent brand aesthetics.
- OpenMined offered privacy-preserving AI frameworks to mitigate misuse and protect user privacy.

Solution Highlights

- Ensured legally acquired data for Generative AI training and proper content attribution to mitigate legal risks.
- Ensured stringent quality control and AI adherence to brand guidelines to maintain consistency.
- Implemented robust privacy controls to protect AI models and user privacy.



What are you making today?

I am travel ASMR moto vlogger, visited a soothing devkund waterfall and needing just the right caption..

[All](#)[Social media](#)[SEO](#)[Copyright](#)[Picture](#)[Music/audio](#)[Ideate](#)[Writing](#)[Clip/gif](#)[Home](#)[Saved](#)[History](#)

Video Titles



Top video titles and caption for travel ASMR moto vlogging content as per current Youtube ranks.



Photo Post Captions



Top catchy captions and hashtags for travel ASMR moto vlogging content as per current Instagram trends.



Best Music/Bgm



Top free as well as paid music/bgm suggestions for travel ASMR moto vlogging content



Custom Music/Bgm



Generate the best custom Crib AI generated original music/bgm as per your content mood and feel.

A Pioneer in Affordable Fashion with a Sustainable Edge

Developed virtual try-on technology with Azure Face to revolutionize the shopping experience.

Personalization

Mitigating Return Rates

Sales Conversion

Outcomes

Accurate Style Representation

- Generative AI rendered clothing and makeup products realistically on digital avatars, accurately depicting their real-life appearance.

Enhanced Exploration

- Virtual try-on technology allowed customers to experiment with various styles, clothing combinations, and accessories, expanding their exploration of product offerings.

Improved Customer Satisfaction & Sales

- By offering a simplified and personalized shopping experience, it reduced return rates, enhanced customer satisfaction, and ultimately drove sales growth.

Solutioning

Challenges

- Utilizing consumer photos and videos for virtual try-ons raises privacy issues.
- Consumers require transparency in virtual try-on app data usage.
- Biases in training data can affect rendering accuracy for certain demographics.

Technical Spotlight

- Hyperledger ensured the security and privacy of consumer data.
- Leveraged blockchain technology to facilitate transparent tracking of consumer-machine interactions.
- Incorporated advanced facial recognition and skin tone analysis algorithms such as Microsoft Azure Face API.

Solution Highlights

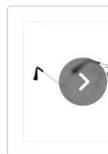
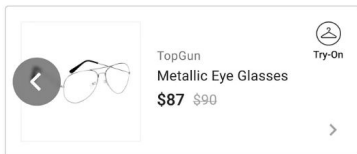
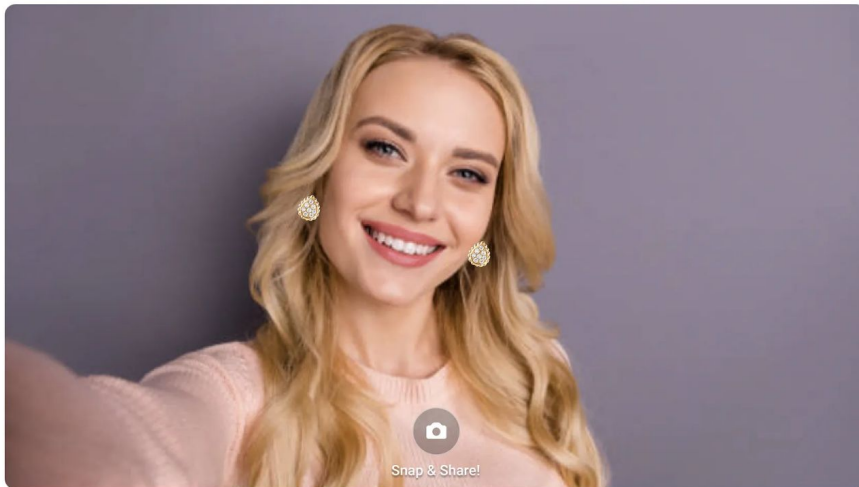
- Implementing robust data security measures to protect consumer information.
- Ensured clear data usage information and obtained explicit consent for media usage in virtual try-ons.
- Employed bias detection algorithms and diverse training datasets to minimize biases.

Tech Stack



TtyleGAN

← Virtual Try On



Gold earrings with stones

\$87 ~~\$90~~

− 1 +

Size

XS S M L XL XXL

Size selection options: XS, S, M, L, XL, XXL. The 'L' option is currently selected.

ADD TO CART

A Premier Private-Sector Bank in India

Crafted an elevated customer experience with our AI-Powered support module.

Real-Time Support

Automation

Customer Engagement

Outcomes

Enhanced Customer Engagement

- Generative AI fostered personalized, empathetic customer interactions, enhancing satisfaction and loyalty.

Efficient Resource Allocation

- Automating customer engagement freed up human agents to tackle complex issues, leading to faster responses and enhanced customer experience.

Scalability and Response Times

- Generative AI integration boosted customer interaction scalability, response times, and satisfaction by managing higher interaction volumes simultaneously.

Solutioning

Challenges

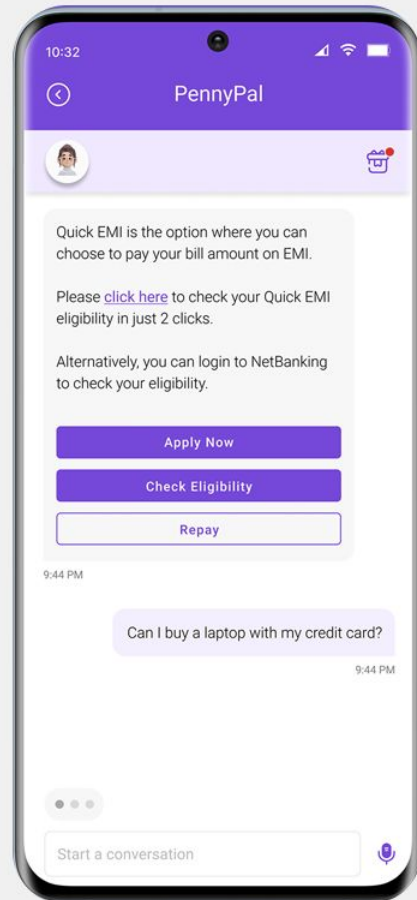
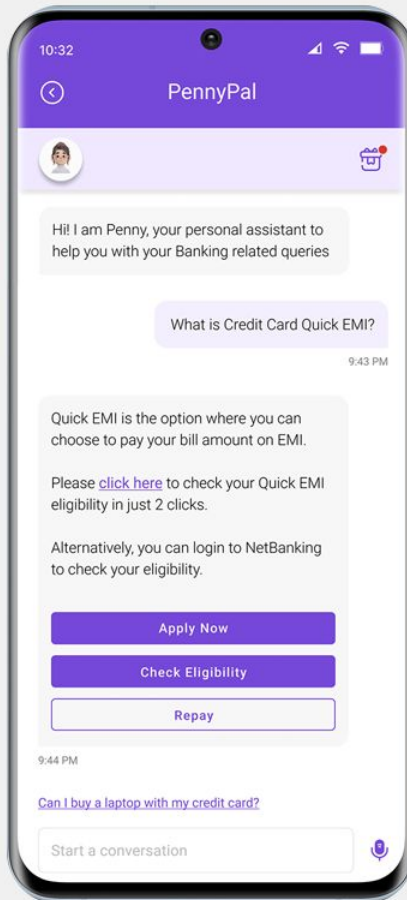
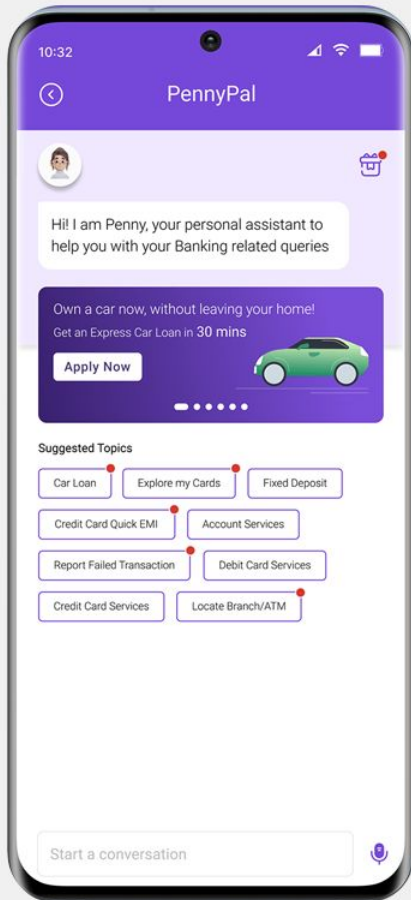
- Ensure accurate, personalized responses from AI virtual assistants for quality customer support.
- Set clear expectations about virtual assistant capabilities to maintain positive customer interactions.
- Safeguarding customer data and ensuring compliance with privacy regulations.

Technical Spotlight

- Utilized TensorFlow for AI virtual assistants to improve conversational interactions.
- Leveraged BERT for transparent customer communication, ensuring virtual assistants convey capabilities and limitations clearly.
- Utilize AES encryption algorithms to secure customer data, ensuring its confidentiality during storage and transmission.

Solution Highlights

- Implemented continuous training and monitoring for reliable AI virtual assistants.
- Communicated virtual assistant capabilities clearly to foster transparency and trust.
- Utilized encryption and comply with GDPR/CCPA to protect customer data, boosting trust in the virtual assistant platform.



A Multinational Retail Corporation That Operates A Chain Of Hypermarkets

A personalized Tensorflow-powered recommendation engine to revolutionize customer experience .

Generative AI

Customer Experience

Personalisation

Outcomes

Improved Sales Conversion

- Hyper-personalized recommendations increased conversion rates by precisely matching products with individual customer preferences.

Enhanced Customer Satisfaction

- Offering personalized recommendations boosts satisfaction and loyalty by improving the shopping experience.

Increased Revenue

- Effectively guiding customers to products of interest boosts revenue with increased purchases and higher order values.

Solutioning

Challenges

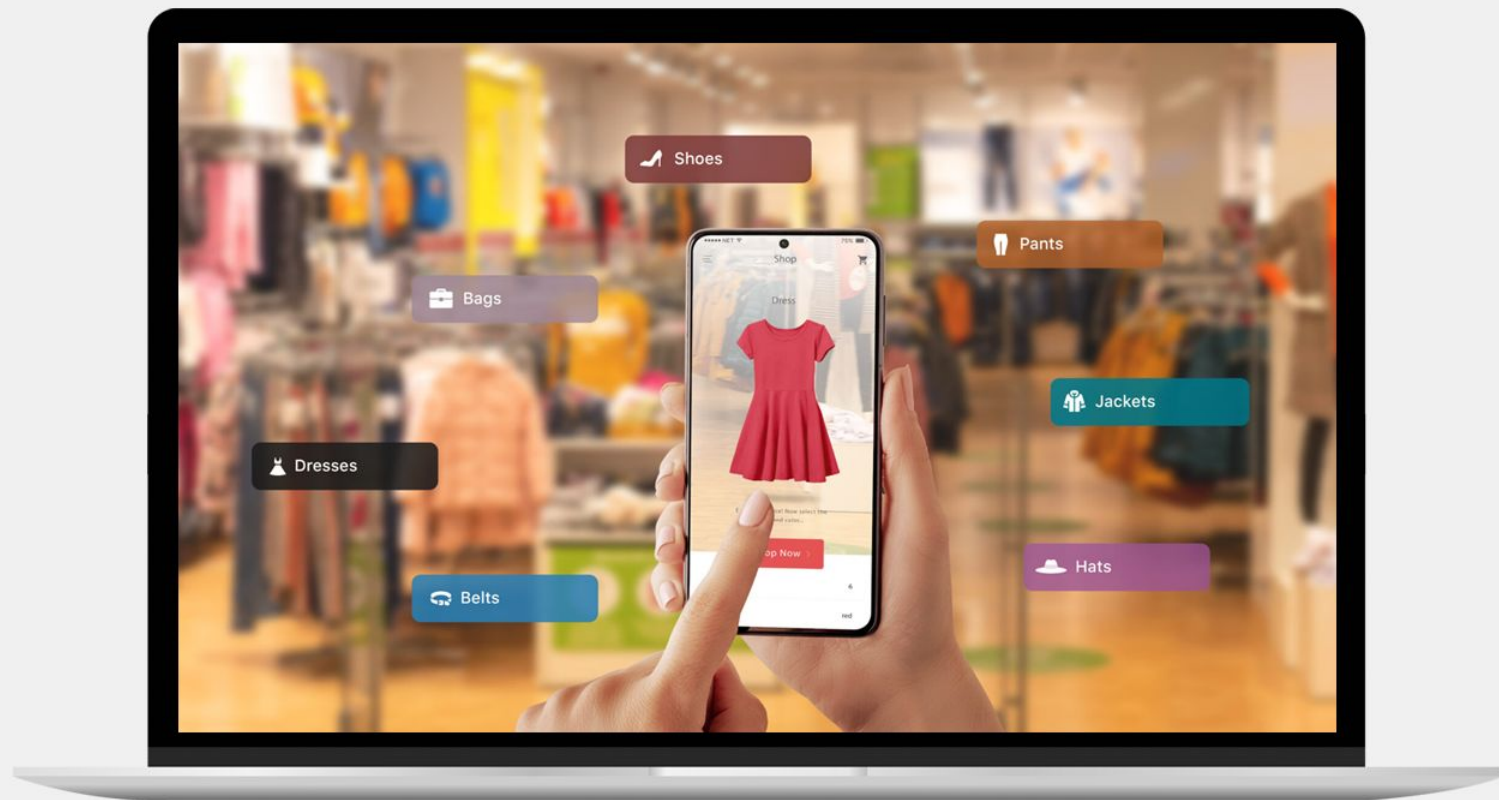
- The model may exhibit bias in recommendations based on the training data.
- Handling customer data raises privacy considerations.
- Ensuring fair and impartial recommendations, mitigating unintended biases.

Technical Spotlight

- IBM's AI Fairness 360 identified and corrected biases in recommendation models.
- Utilized HashiCorp Vault to ensure secure storage and access control.
- TensorFlow enabled natural language understanding for personalized recommendations, enhancing conversational interactions.

Solution Highlights

- Implemented ongoing monitoring, data updates, and human validation to identify and mitigate biases.
- Utilized federated learning or differential privacy to protect customer data.
- Regularly updating the model with fresh data enhances the accuracy, fairness, and effectiveness of recommendations.



A Leading Multinational Banking and Financial Services Corporation

Developed a virtual voice customer assistant to enhance customer experience.

Operational Efficiency

Customer Expectations

Knowledge Management

Outcomes

Cost Reduction

- Virtual voice assistants cut operational costs by automating routine inquiries, freeing up agents for complex cases.

Personalized Customer Support

- Integrating Generative AI with Conversational AI enhanced personalized customer interactions, boosting satisfaction.

Knowledge Enhancement

- Virtual Assistants with Generative AI streamlined knowledge management efficiently.

Solutioning

Challenges

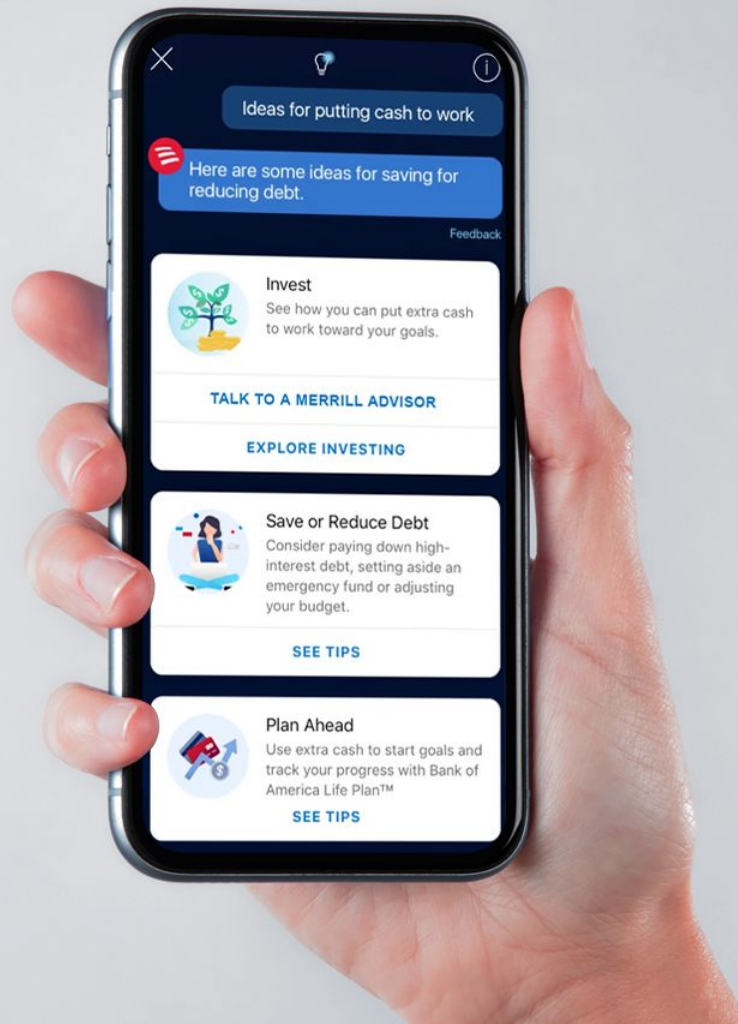
- Ensuring AI model outputs are accurate and complete to avoid negative customer experiences.
- Balancing automation with empathetic, personalized support to maintain service standards.
- Deploying virtual assistants for consistent support across diverse regions and scenarios.

Technical Spotlight

- Utilized TensorFlow Model Validation to verify the reliability and accuracy of Generative AI models.
- Implemented spaCy and VADER to enhance virtual assistants' language understanding and grasp of customer sentiments.
- Utilized Dialogflow CX for continuous improvement of virtual assistants through real-time customer interactions.

Solution Highlights

- Implemented human validation processes to verify AI responses and mitigate inaccuracies.
- Regularly monitored and trained of virtual assistants to maintain support quality and adapt to customer needs.
- Leveraged spaCy and VADER to ensure robust support across different languages and contexts.



Ideas for putting cash to work

Here are some ideas for saving for reducing debt.

[Feedback](#)



Invest

See how you can put extra cash to work toward your goals.

[TALK TO A MERRILL ADVISOR](#)

[EXPLORE INVESTING](#)



Save or Reduce Debt

Consider paying down high-interest debt, setting aside an emergency fund or adjusting your budget.

[SEE TIPS](#)



Plan Ahead

Use extra cash to start goals and track your progress with Bank of America Life Plan™

[SEE TIPS](#)

A Leading Global Financial Institution

Built a custom Generative AI module to deliver instant business intelligence.

Data Accessibility

Time-efficient Insights

Risk Management

Outcomes

Lower Technical Hurdles

- Generative AI interface cut technical barriers, letting users access tailored results sans extensive programming, broadening business intelligence access.

Enhanced Data Accessibility

- Generative AI acted as an enabling interface, simplifying enterprise data querying and report generation for informed decision-making.

Increased Speed to Insight

- Generative AI analyzed diverse data sources swiftly, reducing insight generation time and providing real-time business intelligence access.

Solutioning

Challenges

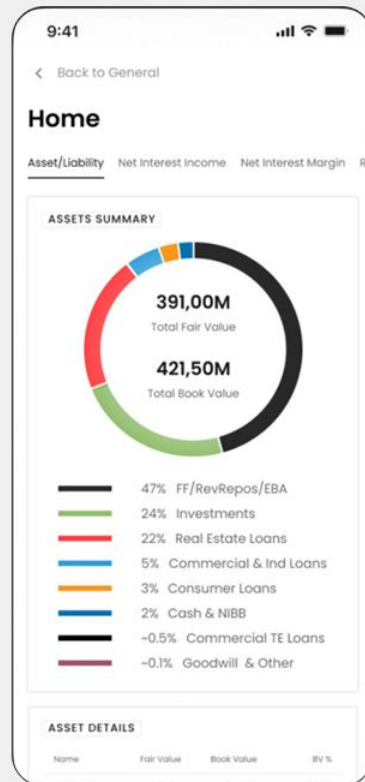
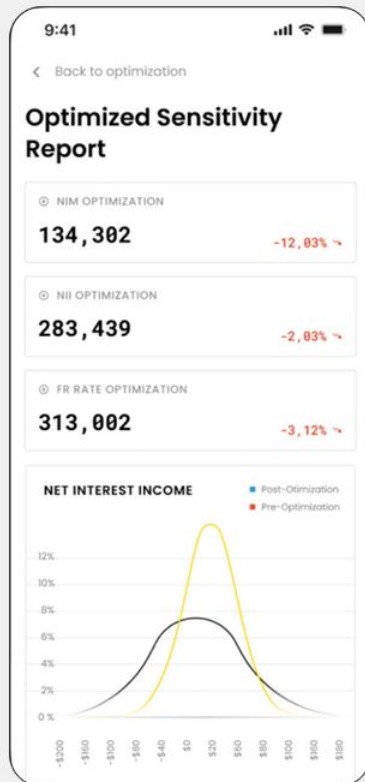
- Balancing restricted access to sensitive business data with broader workforce data access.
- Avoiding the risk of inaccurate or false insights derived from Generative AI models influencing decision-making.
- Securing sensitive data and assessing model vulnerabilities to safeguard privacy in enterprise-wide data access.

Technical Spotlight

- Azure Active Directory enabled organizations to enforce strict access controls for sensitive business data.
- MLflow validated the reliability and accuracy of Generative AI models, ensuring trustworthy insights.
- Used Microsoft SEAL for homomorphic encryption or Sharemind for SMPC to ensure data privacy and security.

Solution Highlights

- Implemented robust access controls to restrict sensitive data access based on user roles and permissions.
- Rigorously validated and tested Generative AI models to ensure reliable and accurate insights.
- Used data anonymization and encryption techniques to secure sensitive data and mitigate privacy risks in enterprise-wide data access.



One Of The Largest Multinational Food And Beverage Company

Revolutionized promotion planning with our in-house Generative AI technology.

Predictive Analysis

Negotiation Support

Promotion Optimization

Outcomes

Efficient Negotiation Support

- Generative AI supported negotiations by sorting past campaigns and suggesting content, aiding employees with pre-works and pitch-decks.

Predictive Outcome Analysis

- Optimized shelf spacing and investment allocation through outcome prediction and scenario building.

Data-driven Promotion Optimization

- Quick analysis of Electronic Point of Sale (EPOS) data provided insights for optimizing promotional programs, including pricing and mechanics.

Solutioning

Challenges

- Ensuring security to prevent leakage of sensitive commercial data.
- Dated data for model training may underrepresent new target groups, impacting prediction accuracy.
- Avoiding outdated or incomplete data used to train the model.

Technical Spotlight

- Utilized Microsoft SEAL to encrypt sensitive commercial data consumed by the Generative AI model.
- Utilized IBM's AI Fairness 360 to address biases, ensuring equitable representation of all customer segments.
- TensorFlow Data Validation augmented training data and improved model accuracy.

Solution Highlights

- Implemented encryption and access controls to protect sensitive commercial data used by the model.
- Regularly updated training data to ensure fair representation of all customer segments and target groups.
- Augmented training data and validate quality to improve insights for diverse customer segments.

Overview 2023

Inventory Turnover



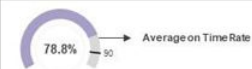
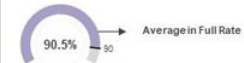
Average OOS Rate



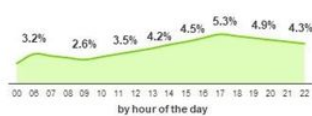
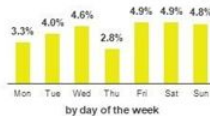
Average OTIF Rate



On Time in Full Deliveries (OTIF)



Out of Stock Rate (OOS)



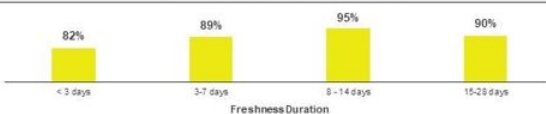
Inventory Turnover (in Days)



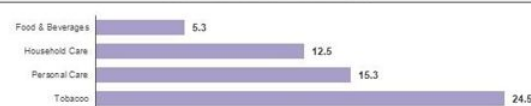
12,8 Inventory to Sales Ratio

19,4 Average Inventory Turnover

Products Sold with in Freshness Date



Average Time to Sell (in Days)



A Global Health Service Company

Transformed patient services with by building a Generative AI claims assistant to enhance automation.

Customer Experience

Operational Efficiency

Personalization

Outcomes

Enhanced Customer Satisfaction

- AI-equipped live agents offered instant personalized feedback, enhancing customer experience during inquiries.

Increased Operational Efficiency

- Generative AI enhanced IVR systems for automated handling of simple inquiries, freeing live agents for complex issues, boosting efficiency.

Strategic Insights Generation

- Generative AI's text analysis revealed trends in customer queries, guiding strategic decisions for claims processing and customer support.

Solutioning

Challenges

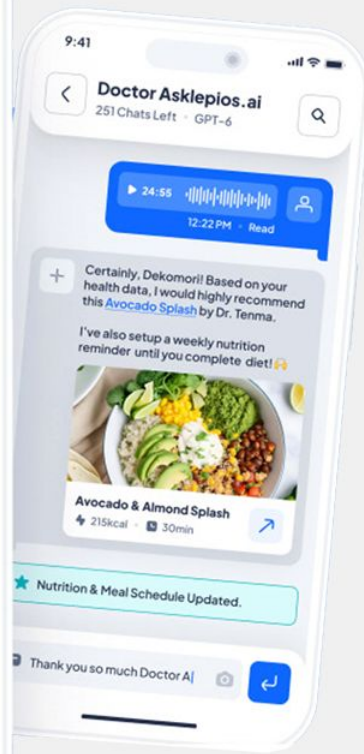
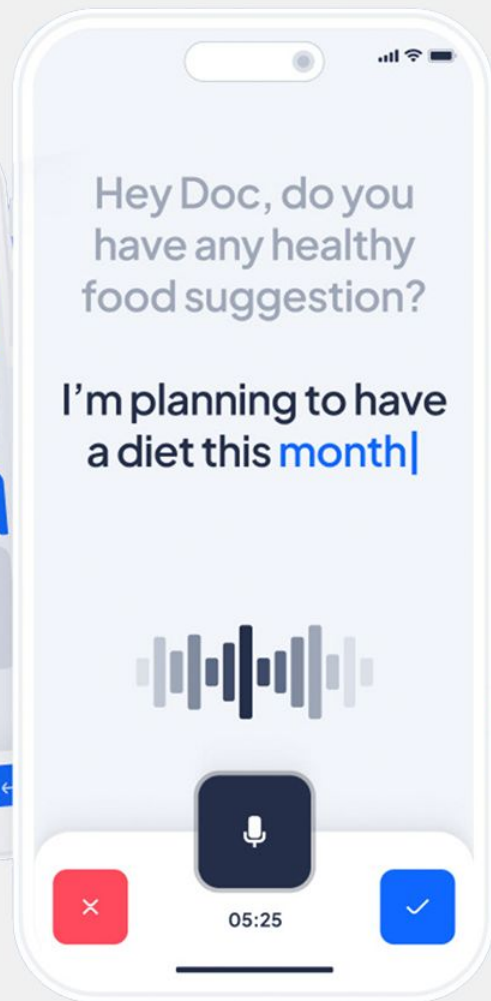
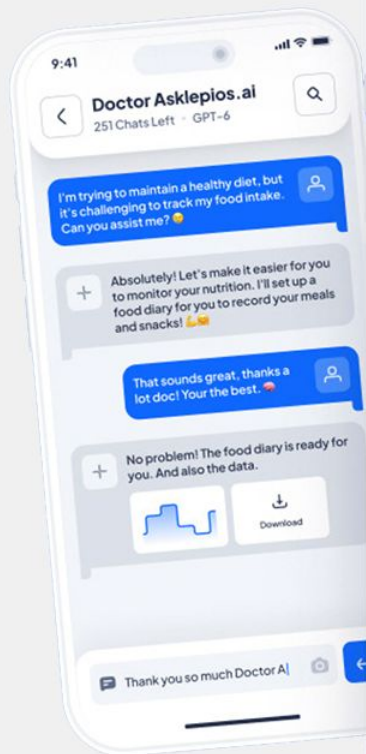
- Geographic and socioeconomic bias in claim or plan details may lead to inaccurate responses for underrepresented customers.
- Ensuring Generative AI outputs are accurate, thus guaranteeing the reliability of the service.
- Promoting trust in AI-generated responses demands transparency and fairness, allaying concerns about impartiality.

Technical Spotlight

- Google's Fairness Indicators mitigated geographic and socioeconomic biases, ensuring equitable responses for all customers.
- TensorFlow Model Monitor ensured real-time monitoring of Generative AI models, enhancing response reliability.
- Used IBM Watson for Health fosters patient trust by providing transparent insights into healthcare AI decision-making.

Solution Highlights

- Implemented fairness-aware algorithms mitigates biases, ensuring equitable responses for all customers.
- Regularly monitored Generative AI models to rectify inaccuracies, enhancing response reliability.
- Offered transparency and explanations for AI-generated responses fostered trust among patients.



A Multinational Technology Company Based In The United States

Leveraged GPT-3 to engineer a generative AI module for enhanced marketing content creation.

Personalization

Efficiency and Optimization

Regulatory Compliance

Outcomes

Improved Content Creation Efficiency

- Generative AI enabled faster and more consistent creation of product descriptions, imagery, video, and other marketing materials.

Enhanced Personalization

- By leveraging multimodal data, Generative AI facilitated the creation of personalized and contextually relevant content, driving higher customer satisfaction and loyalty.

Enhanced Compliance and Trust

- Generative AI assisted in maintaining consistency across different languages, regions, and cultural contexts, promoting regulatory compliance and building trust with customers.

Solutioning

Challenges

- Avoiding inaccuracies in marketing materials, potentially leading to decreased customer engagement and outcomes.
- Incomplete datasets may introduce biases, leading to unequal content quality tailored to various geographical or cultural factors.
- Ensuring the reliability and impartiality of generated content.

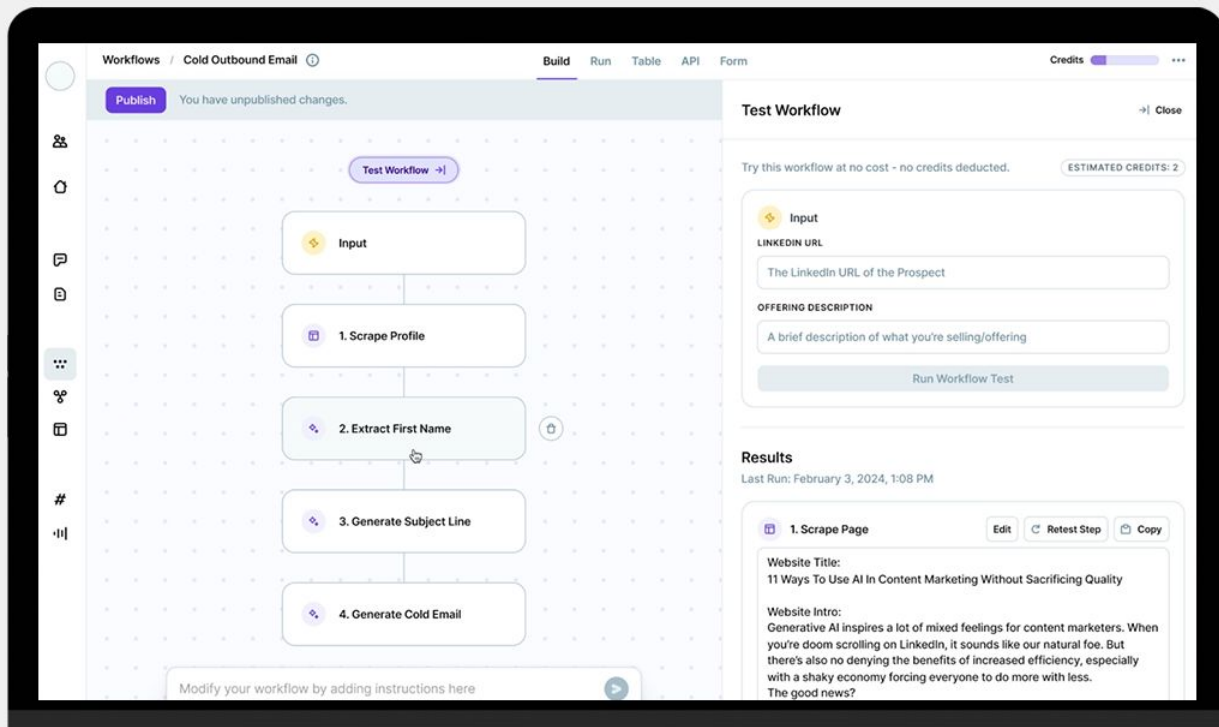
Technical Spotlight

- Leveraged GPT-3 for natural language generation, ensuring high-quality and coherent textual content.
- Integrated TensorFlow to analyze and create visually appealing imagery and videos.
- Implemented AI Fairness 360 to detect and mitigate biases in generated content, ensuring fairness and impartiality.

Solution Highlights

- Implemented robust quality assurance processes to validate the accuracy and relevance of generated content before publication.
- By incorporating diverse datasets and employing bias mitigation techniques, content generation ensured fairness and impartiality.
- Ensured transparency in Generative AI usage for content creation, educating stakeholders about capabilities and limitations to build trust.





A Global Law Firm With Extensive Reach And Diverse Expertise

Utilized AI/ML tools to develop a Gen AI module for streamlining document review.

Time Efficiency

Accuracy Improvement

Tool Enhancement

Outcomes

Efficient Document Retrieval

- Users efficiently retrieve relevant documents, saving time and effort in manual searches.

Accurate Question-Answering

- The system delivered accurate answers, improving information retrieval quality.

Document Summarization

- Users can summarize documents by selected topics for rapid comprehension and review.

Solutioning

Challenges

- Handling diverse document formats, including text, images, and tables, for information extraction.
- Ensuring the system understands questions and documents for accurate answers.
- Optimizing AI/ML models and frameworks for efficient processing of large data volumes.

Technical Spotlight

- Hugging Face Transformers helped document understanding and question-answering tasks.
- Utilized PyTorch and TensorFlow for scalable document processing model training and deployment.
- Used FAISS and ChromaDB for efficient document embedding retrieval, enhancing search capabilities.

Solution Highlights

- Used preprocessing to standardize document formats and handle complex structures for improved analysis.
- Utilized advanced semantic analysis and NLP to enhance document context and user query understanding.
- Fine-tuning AI/ML models with transfer learning and hyperparameter optimization boosted efficiency.

Tech Stack





Welcome, John Doe 🙌



+ Add Item



ACCOUNT

Home

Calendar

Task

Contacts

Cases

Communication

Leads

HELP

Support

Settings



Download our mobile app
and have it on the go.



Gate a Demo

I know you are busy - let me demo MyCase

Schedule a Demo



Invite Member

Invite the entire firm so everyone can see case

Invite Firm Member



Guided Implementate

A case a digital file that holds all event, task etc

Add Case



Add a Case

quickly get your firm setup with guided data migration

Learn More

Add Item



Event
Design



Document
PDF



Task
New



Lead
New



Contact
Client



Leads Over Time

10.5k

Total Emails Sent

700

Emails Captured

10.5k

Web Capture



Today's Event

2023

Sun	Mon	Tue	Wed	Tur	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				



Meeting With Client

Zoom meeting

09am



Office Discovery

Zoom meeting

10am

A SaaS Based ESG Risk & Due Diligence Software

Empowered stakeholders with advanced data analytics using LLMs for extraction, analysis, and NLP.

Data Integration and Processing

Custom ESG Score Computation

Transparency Promotion

Outcomes

Comprehensive ESG Insights

- Users gained access to a wealth of ESG data, including scores, asset details, and disclosure reports from various websites, enabling comprehensive analysis and assessment.

Informed Decision-Making

- Stakeholders used ESG data for informed investment decisions, aligning with sustainability goals.

Enhanced Transparency

- The ESG Information Platform fostered trust and drives positive corporate sustainability changes with complete transparency.

Solutioning

Challenges

- Aggregating ESG data from various sources poses challenges in ensuring consistency and reliability.
- Creating custom algorithms for ESG scores demands expertise in data science and domain knowledge.
- Designed intuitive interfaces for complex ESG data poses usability challenges.

Technical Spotlight

- Used LLMs for data extraction, analysis, and natural language processing to derive insights from web-based ESG information.
- Built custom Generative AI models using TensorFlow or PyTorch for accurate ESG score calculation.
- Using AWS for scalable deployment ensured reliability and cost-effectiveness for the ESG Information Platform.

Solution Highlights

- Used advanced data integration techniques and tools to streamline aggregating and processing ESG data from multiple sources.
- Collaborated with experts to develop tailored ESG score algorithms meets stakeholder objectives.
- Conducted user research and testing to design intuitive interfaces prioritizes user needs.

My Dashboard

This dashboard by default shows the full range of data and interactive components the dashboard supports. Click to customize.

[Edit Layout](#)[Revert to Default](#)

Portfolio Management

This dashboard places an emphasis on aggregated performance data with the objective of highlighting ESG performance across your priority portfolios/watchlists. Click to customize.

Compliance

This dashboard places an emphasis on screens and policy profiles with the objective of highlighting compliance/non compliance across your priority portfolios/watchlists. Click to customize.

Research

This dashboard places an emphasis on issuer level data and screens with the objective of highlighting ESG performance across your priority issuers.

Developed Market - Invest... ISS ESG Rating

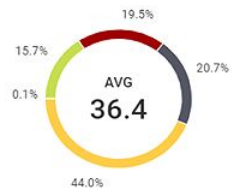


Excellent
Good
Medium

Poor
Not Covered

[Go to Portfolio Overview >](#)

Solactive GBS Developed ... ISS ESG Rating



Excellent
Good
Medium

Poor
Not Covered

[Go to Portfolio Overview >](#)

Solactive GBS Developed ... Sector Based Emissions Targets



Compliant
Characteristic/Objective
Not Compliant
Not Covered
Risk

[Go to Policy Profile >](#)

Apple Inc. ISS ESG Rating

[Go to Issuer >](#)

A Cutting-Edge Supply Chain Management Platform

Developed a custom-built data analytics module using GPT-3 enhancing accountability.

Addressing Industry Malpractices

Improving Transparency

Facilitating Prompt Resolution

Outcomes

Prompt Grievance Resolution

- The Grievance Management System swiftly resolved grievances, minimizing negative impacts on communities and the environment.

Enhanced Transparency

- Stakeholders access transparent data on reported malpractices, fostered industry accountability and trust.

Improved Industry Oversight

- By analyzing malpractice reports, the system improved industry compliance with sustainability standards.

Solutioning

Challenges

- Analyzing diverse data sources, including text-based reports, demands advanced techniques.
- Ensuring the system can handle large volumes of grievances and data.
- Protecting sensitive data in malpractice reports while ensuring regulatory compliance and transparent analysis.

Technical Spotlight

- Used GPT-3 for malpractice report analysis to yield nuanced insights and trend detection.
- Implemented Qdrant for efficient grievance data storage and retrieval, enabling fast user searches.
- Used AWS for scalable Grievance Management System deployment offers flexibility and cost-effectiveness in resource management.

Solution Highlights

- Used LLMs and Chat GPT for sophisticated analysis enabled accurate identification of issues in malpractice reports.
- Streamlined organization and retrieval of grievance data, optimizing system performance and scalability.
- Used AWS for scalable Grievance Management System deployment ensures reliability under high demand.



Product Management

Product Categories

Stock Details

User Management

Vendor Management

Customer Management

Order Management

Purchase Orders

Buying Orders

Operations

Resource Management

Inflow-Outflow Management

Help & Support

Complaints

Technical Support

Product Category / Order No. / Invoice No.



Admin Name

Emp ID - 1032

Today's Sale
\$12,426

+36%

Total Sales
\$2,38,485

+36%

Total Customers
33,493

+36%

Total Orders
84,382

+36%

Worldwide Sales



North America	7.25 k	-36%
South America	6 M	+36%
South Africa	1.25 k	+36%
Europe	325 k	+36%
Asia	725 k	-36%
Australia	8 k	+36%

Scheduler

January 2023

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	1	2	3	4

Products Status

Categorywise

Last Sync as per orders received on 17th December 2023 till 01:00pm



Delete

Filters

Export

+ Place New Order

Product Category	Category Code	Available Qty	Required	Purchase Order	Order Status	Comments
Clothing & Attire - Ethnic	CA100	23,800	2,000	Placed on 01.12.23	Active	
Packaged Food	PF200	18,000	20,550	Placed on 08.11.23	Active	
Clothing & Attire - Seasonal	CAS300	40,599	1,000	Placed on 01.12.23	Cancelled	Stock Received from another manufacturer
Vegetables & Fruits	VF400	10,8268	6,000	Placed on 01.12.23	Active	

Leading Global Provider of Technical and Construction Services

Built a Virtual Field Assistant to transform field operations.

Generative AI

Information Challenges

Efficiency and Productivity

Outcomes

Enhanced Technical Knowledge Access

- Generative AI virtual field assistants offered engineers rapid access to extensive technical data, facilitating problem-solving and decision-making.

Efficient Troubleshooting and Diagnostics

- Engineers describe issues to virtual field assistants, which offered guided resolution steps, enhancing field efficiency.

Improved Safety and Risk Management

- Engineers ensured responsible decision-making by cross-verifying information and balancing virtual assistant outputs with their own judgment, reducing risks.

Solutioning

Challenges

- Ensuring Virtual assistants' accuracy.
- Avoiding over reliance on virtual assistants, risking their critical thinking and problem-solving skills.
- Avoiding incorrect information or advice from virtual assistants leading to accidents or operational failures.

Technical Spotlight

- Utilized BERT for virtual field assistants to understand and respond effectively to engineers.
- Used TensorFlow Model Monitoring to continuously track virtual assistants' performance and accuracy.
- Used explainable AI frameworks like SHAP for transparent virtual assistant outputs, enabling informed engineer decision-making.

Solution Highlights

- Implemented robust processes to ensure training data quality and accuracy for virtual field assistants.
- Encouraged engineers to balance virtual assistant output with their own judgment, especially in complex problem-solving.
- Established clear guidelines for handling virtual assistants' errors, ensuring accountability and mitigating liability.





CMMI Level 5

Leading by Passion. Driven by Innovation

4000+
Professionals

22+
Industries

1500+
Clients

85%
Client Retention

Thankyou

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