

AI Demo

Case Study



Simplify Your Cloud
Amplify Your Success



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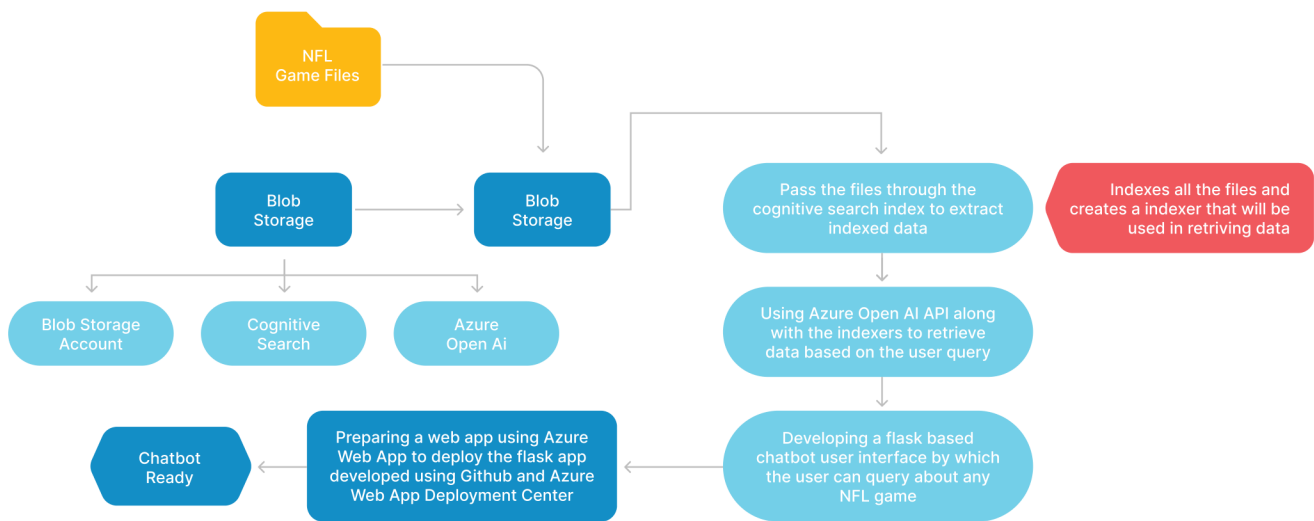
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Key Features
Use Cases

1. National Football League Bot

Unleash the potential of your data with the NFL Bot, an AI-driven solution designed to extract, analyze, and utilize information from diverse datasets beyond sports, revolutionizing decision-making, and insights across multiple industries.



Tell me about more players who played in the team MIN in the game against IND

Sure, here are some more players from the MIN team who played against IND:

- Adam Thielen is a player from the MIN team who played as a WR against IND. They had 8 receptions for 116 yards and 2 touchdowns in the game against IND 1
- Alexander Mattison is a player from the MIN team who played as a RB against IND. They had 21 carries for 112 yards and 1 touchdown in the game against IND
- KJ. Osborn is a player from the MIN team who played as a WR against IND. They had 3 receptions for 47 yards in the game against IND 1.
- Justin Jefferson is a player from the MIN team who played as a WR against IND. They had 7 receptions for 71 yards in the game against IND .
- Kirk Cousins is a player from the MIN team who played as a QB against IND. They completed 27 of 38 passes for 294 yards, 2 touchdowns, and 1 interception in the game against IND

1. National Football League Bot

KEY FEATURES

Data Analytics

The bot is trained on multiple CSV files containing intricate game data from the 2022 NFL season. This capability can be extrapolated to analyze data from other sports leagues, enabling businesses to derive valuable insights, trends, and predictive analytics.

Customer Engagement

Implementing a conversational AI bot like this for sports enthusiasts can enhance customer engagement. Similarly, businesses can build chatbots for customer support, guiding users through products/services or answering FAQs, boosting customer satisfaction.

Business Intelligence

Organizations can apply similar techniques to their own datasets for market analysis, customer behavior patterns, or operational efficiencies. The bot showcases how AI can process vast amounts of data to generate actionable insights for decision-making.

Predictive Modelling

Utilizing the bot's capabilities for predicting game outcomes based on historical data can be adapted for businesses to predict market trends, demand for products, or even potential risks.

A decorative graphic in the top-left corner consisting of overlapping triangles in various shades of blue and a few yellow and red triangles.

Training and Education

The bot demonstrates how AI can be trained on specific datasets. This can be utilized in educational institutions or corporate training programs to create personalized learning experiences based on individual progress and preferences.

Automating Repetitive Tasks

The bot's ability to process large volumes of data quickly showcases how automation can streamline workflows. Businesses can automate repetitive tasks, allowing employees to focus on more strategic initiatives.

A decorative graphic on the right side of the page showing a network of interconnected nodes and lines, resembling a neural network or data flow diagram.

Enhancing User Experience

By employing AI to understand user queries and provide tailored responses, businesses can improve user experiences on their platforms. This can be applied to various sectors like e-commerce, healthcare, or finance.

Personalization and Recommendation Engines

Understanding user preferences, the bot can suggest game highlights, player statistics, or related content. Likewise, businesses can leverage similar technology to offer personalized recommendations to their customers.

USE CASES

Data Analytics Firm

- Market Research and Analysis:

Use Case: Employ the NFL bot's adaptable data processing capabilities to analyze consumer behavior, trends, and market fluctuations, aiding market research firms in generating predictive models for various industries.

- Financial Market Prediction:

Use Case: Utilize the bot's data processing skills to analyze historical financial data, predicting market movements, and assisting financial institutions in making more informed investment decisions.

Marketing and Advertising Agencies

- Consumer Insights for Campaigns:

Use Case: Harness the bot's data processing to analyze consumer preferences, sentiment analysis, and demographic trends, aiding marketing agencies in crafting targeted and effective advertising campaigns for diverse products and services.

- Content Personalization:

Use Case: Utilize the bot's capabilities to understand user behaviors and preferences, enabling agencies to personalize content and strategies across various digital platforms for maximum engagement.

Healthcare Research and Development

- Drug Efficacy Analysis:

Use Case: Apply the bot's data analysis capabilities to clinical trial data, aiding pharmaceutical companies in assessing drug efficacy, identifying patterns, and accelerating research and development processes.

- Healthcare Resource Allocation:

Use Case: Utilize the bot's data insights to optimize healthcare resource allocation, such as hospital bed management based on historical patient data and demand patterns.

Environmental Research and Sustainability

- Climate Data Analysis:

Use Case: Employ the bot's data analysis to process climate change data, analyzing trends, forecasting patterns, and assisting environmental organizations in developing sustainability strategies.

- Resource Management Solutions:

Use Case: Utilize the bot's data insights for efficient resource management, such as water conservation strategies based on historical usage patterns and environmental data.

Retail and E-commerce Analytics

- Inventory Optimization:

Use Case: Apply the bot's data processing to optimize inventory levels by analyzing historical sales data, customer preferences, and seasonal trends, aiding retail businesses in reducing waste and maximizing profits.

- Customer Segmentation and Targeting:

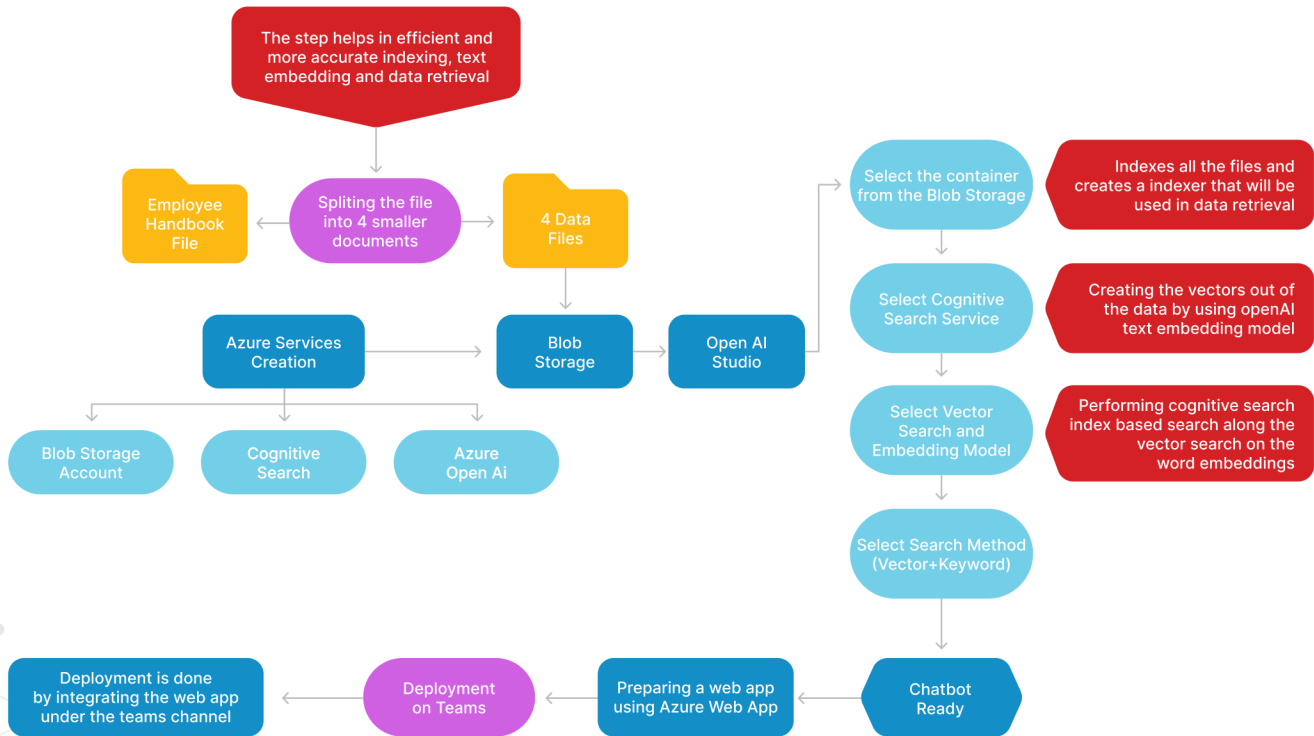
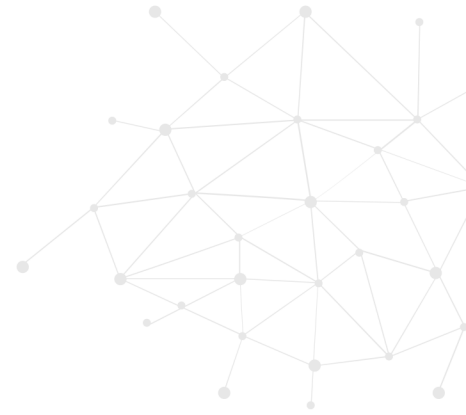
Use Case: Utilize the bot's capabilities to segment customers based on purchasing behavior, enabling e-commerce platforms to personalize offers and recommendations for increased sales.

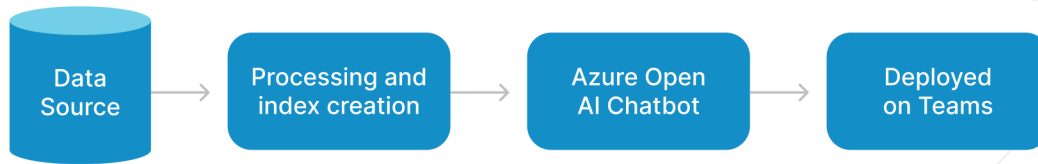
Custom Use Case

A bot can be build using tabular data that can help you understand the data, interact with it and will also provide

2. Handbook Bot

Empower your HR department and employees with a sophisticated AI-driven Handbook Chatbot seamlessly integrated into Microsoft Teams. This innovative solution leverages cutting-edge technology to provide instant access to company policies, procedures, and vital HR information, ensuring streamlined communication and enhanced employee experiences.





Tell me about the leaves



The Henson Group has a comprehensive leave policy that includes various types of leaves for different situations 1 2 3

- 1. Privilege Leave (PL):** This is applicable to permanent employees only, with 12 days credited annually. It is essential to plan and get approval for these leaves 30 days in advance. A minimum of 5 PL should be utilized in a year. Unused PL can be accumulated up to 45 days, beyond which it will lapse. PL can be encashed at the time of full and final settlement on basic salary only ?
- 2. Sick Leave (SL):** 6 Sick Leaves are accrued from the date of joining. There is no accumulation or carry forward of sick leave. Sick Leave cannot be encashed or adjusted against notice pay at the time of separation. If the Sick leaves are exhausted, the leaves taken for sickness, shall be considered as Privilege Leave ?
- 3. Casual Leave (CL):** Casual Leaves are accrued from the date of joining. Casual Leave can neither be accumulated nor encashed. Unveiled / unused casual leave will lapse at the end of the calendar year ?
- 4. Maternity Leave:** All female employees are entitled to paid maternity leave of 26 weeks, of which not more than 8 weeks shall precede the date of her expected delivery. In case of miscarriage, a woman is entitled to leave with wages for a period of 6 weeks immediately following the day of her miscarriage ?

2. Handbook Bot

KEY FEATURES

Instant Access to Information

Employees can swiftly retrieve information from the handbook, such as company policies, benefits, procedures, and guidelines. This ensures quick access to accurate and up-to-date information, reducing the need for manual searches.

Efficient Onboarding and Training

During onboarding, new employees often have numerous questions. The HR Bot can serve as a comprehensive guide, answering queries and facilitating a smoother transition into the company culture and practices.

Enhanced Employee Experience

By providing a user-friendly interface for employees to interact with, the bot significantly improves the employee experience. It acts as a personalized assistant, offering guidance and support on HR-related queries.

Consistency in Communication

Ensures consistency in disseminating information across the workforce. The bot provides standardized responses based on the handbook, eliminating potential discrepancies in HR-related information.



Time and Resource Savings

Reduces the burden on HR personnel by handling routine queries, allowing them to focus on more complex tasks and strategic HR initiatives that require human intervention.

Seamless Teams Integration

Access the Handbook Chatbot directly within Microsoft Teams, the centralized hub for collaboration, ensuring easy accessibility for all employees.



Data Insights and Analytics

Through user interactions, the bot can provide insights into common queries or areas where employees seek clarification. This data can be invaluable for refining HR strategies and identifying areas for improvement.



Compliance and Policy Adherence

Helps ensure that employees are well-informed about company policies and comply with regulations. This can mitigate risks related to non-compliance and promote a more cohesive work environment.

Adaptability and Scalability

The bot's ability to learn and adapt to new information means it can evolve alongside policy changes or updates in the handbook, ensuring the most current information is always available.

Multifunctional Application

The technology behind the HR Bot can be applied beyond handbooks to various HR functions, including performance reviews, scheduling, and benefits administration, among others.

Positioning the Handbook HR Bot as a tool that enhances employee engagement, streamlines HR processes, ensures compliance, and ultimately contributes to a more efficient and informed workforce can highlight its potential impact and value for businesses seeking innovative HR solutions.

USE CASES

Retail and Service Industries

- Customer Service Support:

Use Case: Implement the HR bot to assist customer service representatives with quick access to product information, troubleshooting guides, and company policies, ensuring consistent and accurate responses to customer queries.

- Shift Scheduling and Management:

Use Case: Utilize the bot to manage and optimize employee shifts based on historical data, employee preferences, and demand patterns, ensuring efficient workforce management in retail and service sectors.

Education and Training

- Student Support Services:

Use Case: Deploy the HR bot in educational institutions to assist students with inquiries related to course enrollment, academic policies, and extracurricular activities, enhancing student experiences and satisfaction.

- Educational Resource Guidance:

Use Case: Provide faculty members with quick access to training materials, curriculum updates, and teaching guidelines through the HR bot, streamlining educational processes and professional development.

Legal and Compliance Services

- Contract Review Assistance:

Use Case: Support legal teams with contract review and compliance checks by using the HR bot to extract and analyze critical information, expediting legal processes and ensuring accuracy.

- Regulatory Training and Updates:

Use Case: Enable the bot to disseminate regulatory updates, compliance training materials, and policy changes to employees, ensuring consistent adherence to legal standards across the organization.

Health and Wellness Programs

- Employee Wellness Guidance:

Use Case: Offer employees access to wellness resources, fitness programs, and mental health support through the HR bot, promoting a healthy work-life balance and overall well-being.

- Healthcare Benefit Education:
 -

Use Case: Assist employees in understanding and utilizing healthcare benefits, simplifying complex insurance policies and healthcare-related inquiries through the HR bot's personalized assistance.

Operations and Logistics

- Supply Chain Management:

Use Case: Optimize supply chain operations by using the HR bot to manage vendor relationships, track inventory, and streamline logistics based on historical data and demand forecasting.

- Facility Management Support:

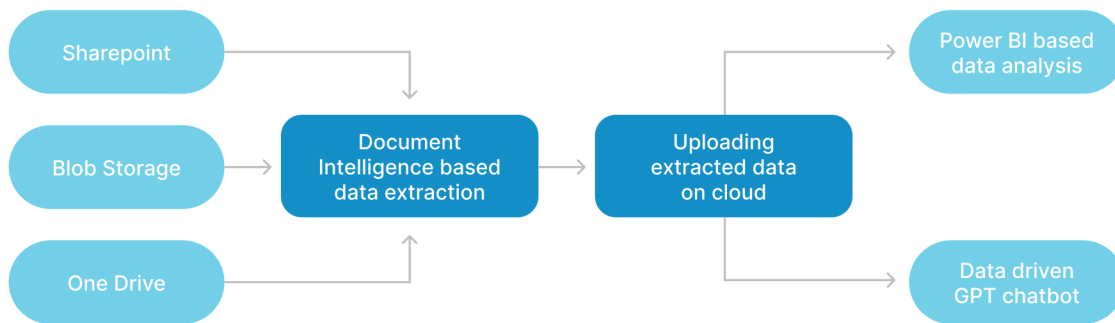
Use Case: Aid facility managers with access to maintenance schedules, safety protocols, and emergency procedures through the HR bot, ensuring efficient facility operations.

Customised Use case

This could be utilised in any organisation where there is a lot of information that is to be shared with the employees by just feeding the model with all the documents and get a chatbot deployed in teams or other platforms that can answer questions or provide information to anyone interacting with the bot.

3. Interact with your forms and receipts

Our cutting-edge project harnesses the power of Azure's Document Intelligence service to revolutionize data extraction from various forms, receipts, and documents. This intelligent system scans and extracts essential information, saving it in a retrievable format for diverse business applications, including GPT-based chatbots and Power BI analytics.



What all info you have about the mobile bill under the name XXXXXX



The mobile bill under the name XXXXXX includes the following information:

Total Amount Payable: \$684.02
 Due Date: 16 Nov 2023
 Email Address:
 Phone Number:
 Plan: Infinity Family 599
 Statement Date: 06 Nov 2023
 Statement Period: Oct 2023 - 04 Nov 2023
 Amount after due date (16 Nov): \$802.02
 Previous Due: \$0.00
 Payments: \$0.00
 Credits: \$0.00
 This Month's Charges \$684.02
 Taxes (GST):110434
 Total Amount Payable (Including Taxes): \$684.02
 Total Amount Payable (Excluding Taxes): \$684.02
 Month: November 23
 Mobile: 8951007546

Please note that this information is specific to the mobile bill under the name Kamad Saxena.

1 reference >

AI-generated content may be incorrect

3. Interact with your forms and receipts

KEY FEATURES

Effortless Data Extraction

Seamlessly extracts crucial information from receipts, forms, and documents, eliminating manual data entry efforts.

Chatbot Integration with GPT Models

Utilizes the extracted data to power chatbots, enhancing their capabilities to provide accurate and contextual responses based on the retrieved information.

Streamlined Operations

Automates and streamlines various workflows, reducing processing time and errors associated with manual data entry and retrieval.

Adaptive Data Storage

Saves extracted data into a structured format, such as a TXT file in Blob Storage, ensuring easy accessibility and usability across different platforms.

Business Intelligence Amplification

Feeds extracted data into Power BI, enabling comprehensive data analysis, visualization, and informed decision-making for businesses.

Enhanced Customer Experience

Facilitates faster responses to customer inquiries and streamlines service delivery through AI-powered chatbots armed with accurate, retrieved data.

USE CASES

Retail Industry

- Inventory Management:

Use Case: Automatically extract data from supplier invoices. This information can be utilized to manage inventory, track stock levels, and streamline reordering processes, ensuring optimal stock availability.

- Expense Management:

Use Case: Automate expense reporting by extracting data from receipts. This simplifies the process for employees, facilitates faster reimbursements, and ensures compliance with company policies.

- Customer Loyalty Programs:

Use Case: Capture data from customer receipts to analyze purchase patterns, enabling the creation of personalized loyalty programs or targeted marketing campaigns.

Healthcare Sector

- Patient Records Digitization:

Use Case: Extract data from medical forms to digitize patient records, making them easily accessible for healthcare professionals. This facilitates faster diagnosis, treatment, and improves overall patient care.

- Insurance Claims Processing:

Use Case: Automate the extraction of data from insurance claim forms to expedite the claims processing workflow, reducing manual efforts and ensuring quicker reimbursements for patients.

Financial Services

- Loan Application Processing:

Use Case: Extract relevant data from loan application forms to expedite the loan approval process, reducing the time taken for document verification and enhancing customer experience.

- Compliance and Regulatory Reporting:

Use Case: Use the extracted data from financial documents to ensure compliance with regulatory requirements. This facilitates accurate reporting and auditing processes.

Manufacturing and Supply Chain

- Supplier Invoice Processing:

Use Case: Automate the extraction of data from supplier invoices to streamline the accounts payable process, ensuring timely payments and better supplier relationships.

- Quality Assurance and Inspections:

Use Case: Extract data from inspection forms to monitor and maintain quality standards across the manufacturing process, identifying areas for improvement and compliance.

Education Sector

- Administrative Processes:

Use Case: Utilize document intelligence to extract data from admission forms, student records, and administrative documents, streamlining enrollment processes and data management.

- Research and Compliance:

Use Case: Extract data from research papers or grant applications to streamline compliance procedures and facilitate faster decision-making for funding allocations.

Custom Use Case

- This kind of service can be utilised by any sort of receipts, forms etc that are needed to be manually understand and maybe analysed. One can just input the receipts/forms into the model and on the other hand one can extract information out of those documents and analyse them with the power of GPT model and Power BI.