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Leveraging the Power of Language AI

Presented By:

Robb Smyth
Senior Vice President of Business Development
Cobalt Club Management Software

Justin Taillon
Professor & Department Head
Highline College's Hospitality & Tourism Management
Vice-President-HFTP Global Board

Agenda

Importance of Language AI in Private Clubs

Session Objectives

Current Landscape of Language AI

Latest Advancements in Language AI

Forecasting the Future of Language AI

Interactive Demonstration

Importance of Language AI in Private Clubs

Efficient Communication and Collaboration

Data Analysis and Insights

Automation of Routine Tasks

Enhanced Customer Service

Strategic Planning and Forecasting

Objectives

Interpret Trends in the language AI sphere.

Examine examples of successful language AI integration into existing software and club operations.

Appraise language AI outputs in real-time.

Current Landscape of Language AI

- <u>Natural Language Understanding:</u> fluid and coherent conversations.

- <u>Contextual Understanding:</u> Relevant, engaging interactions.

- <u>Generative Capabilities</u>: Answer questions, provides recommendations, and open-ended conversations

- <u>Scalability & Adaptability:</u> Small to Large models, and can be fine tuned to adapt to a particular industries.

- <u>Continues Learning:</u> more data, more education

Current Landscape of Language AI

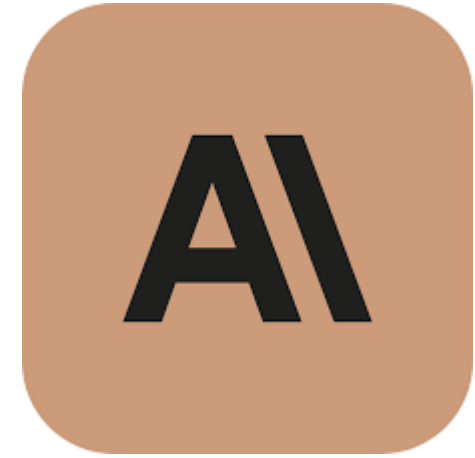## Key Benefits over other AI's

- <u>Versatility:</u> Applied to a wide range of tasks, support, chatbots, storytelling.

- <u>Human-like Conversations:</u> Closely resembles human speech.

- <u>Contextual Understanding:</u> Maintains context throughout a conversations

- <u>Ease of Implementation:</u> Easily integrated into existing systems or applications

- <u>Continuous Improvement:</u> Language understanding, response quality, and computational efficiency.

ChatGPT

Current Landscape of Language AI
Anthropic Claud

- Very comparable to Chat GPT

- Constitutional AI:
  - Helps avoid toxic or discriminatory outputs
  - Avoids helping a human engage in illegal or unethical activities
  - Helpful, honest, and harmless.

- Phase 1: The module is trained to critique and revise its own responses using a set of principles and a few examples of the process.

- Phase 2: Trained via reinforcement learning, not human feedback, it uses AI-generated feedback based on the set of principles to choose the more harmless output.

Current Landscape of Language AI
Microsoft Bing Chat

- <u>Integration with Bing Search Engine:</u> Leverage the vast knowledge and information from Bing search engine and online content.

- <u>Access to Microsoft Technologies:</u> Azure AI, MS Bot Framework, etc. could offer benefits in terms of reliability, security, and compatibility with other MS products.
- <u>Natural Language Understanding</u>:

- <u>Mult-platform Accessibility:</u> Accessible across multiple platforms and devices. Would enhance user convenience.

- <u>Customization and Integration</u>

- <u>Microsoft Support and Updates</u>

Current Landscape of Language AI
Google Bard

- <u>Integration with Google's Ecosystem:</u>
Seamless integration with Google's suite of products and services.

- <u>Knowledge Graph Integration:</u> Vast database of interconnected information about entities, concepts, and their relationships to possible provide more accurate responses.

- <u>Natural Language Understanding</u>:

- <u>Multimodal Capabilities:</u> Understand text, images, and other forms of media and receive responses in various formats.

- <u>Scalability and Performance:</u> Benefits from Google's infrastructure and expertise in handling large scale AI systems.

Latest Advancements in Language AI

1. <u>Predictive Analytics</u> yet another AI-powered tool, equips businesses with the ability to foresee customer behavior and emerging trends. With real-time insights, companies can proactively address potential issues, capitalize on emerging opportunities, and refine their execution plans for optimum results.

2. <u>AI-Powered Personalization</u> is a cornerstone of exceptional customer experience. Tailoring products, services, and communications to individual preferences leaves customers feeling valued and understood. This strengthened customer relationship leads to increased loyalty and improved customer retention, laying a solid foundation for long-term growth.

3. <u>AI's Recommendation Systems</u> come into play here by drawing upon a wealth of data to suggest optimal growth strategies based on market insights, historical data, and competitor behavior.

Implications for Club Finance Professionals

1.Enhanced Financial Analysis and Reporting: Language AI models can assist club finance professionals in conducting more in-depth financial analysis by processing vast amounts of data from diverse sources. These models can generate insights into financial risks, and budget optimization strategies and can make more informed decisions and provide valuable recommendations to club management.

2.Improved Member Engagement and Communication: AI-powered chatbots can enhance member engagement by providing timely and personalized responses to inquiries regarding membership billing, statements, and more. By offering an interactive and user-friendly interface, club staff can foster stronger relationships with club members, address their concerns promptly, and ensure transparency in financial matters.

3.Streamlined Financial Operations: Automation of routine tasks can streamline financial operations within the club. Reduce manual effort, minimize errors, and increase efficiency in managing financial transactions and processes.

4.Risk Management and Compliance: AI models equipped with predictive analytics capabilities can help identify potential financial risks and compliance issues proactively.

5.Cost Savings and Resource Optimization: By leveraging AI technologies for financial analysis, reporting, and automation, clubs can achieve cost savings and optimize resource allocation. By reducing the need for manual labor and minimizing inefficiencies, club staff can allocate more time and resources to strategic initiatives, such as revenue generation, investment planning, and member engagement activities.

Emerging Trends and Predictions

1.Advanced Language Understanding: understanding of context, sentiment, and nuances in human language. Future language AI models are expected to exhibit even greater proficiency in understanding and generating natural language, leading to more accurate and contextually relevant responses in conversational interactions.

2.Personalized and Adaptive Interfaces: Future language AI models may offer personalized responses tailored to individual users' preferences, behaviors, and historical interactions.

3.Explainable AI: Future language AI models are expected to incorporate mechanisms for explaining their decision-making processes, allowing users to understand how and why certain responses are generated.

4.Collaborative and Interactive AI: Future language AI models may facilitate collaborative and interactive interactions between humans and machines. These models could support real-time collaboration, co-authoring, and decision-making, enabling teams to work more efficiently and effectively.

Interactive Demonstration

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Thank you!

Robb Smyth
SVP, Cobalt Club Management Software
772-408-3374

Justin Taillon
Professor & Department Head
Highline College's Hospitality & Tourism Management
Vice-President-HFTP Global Board