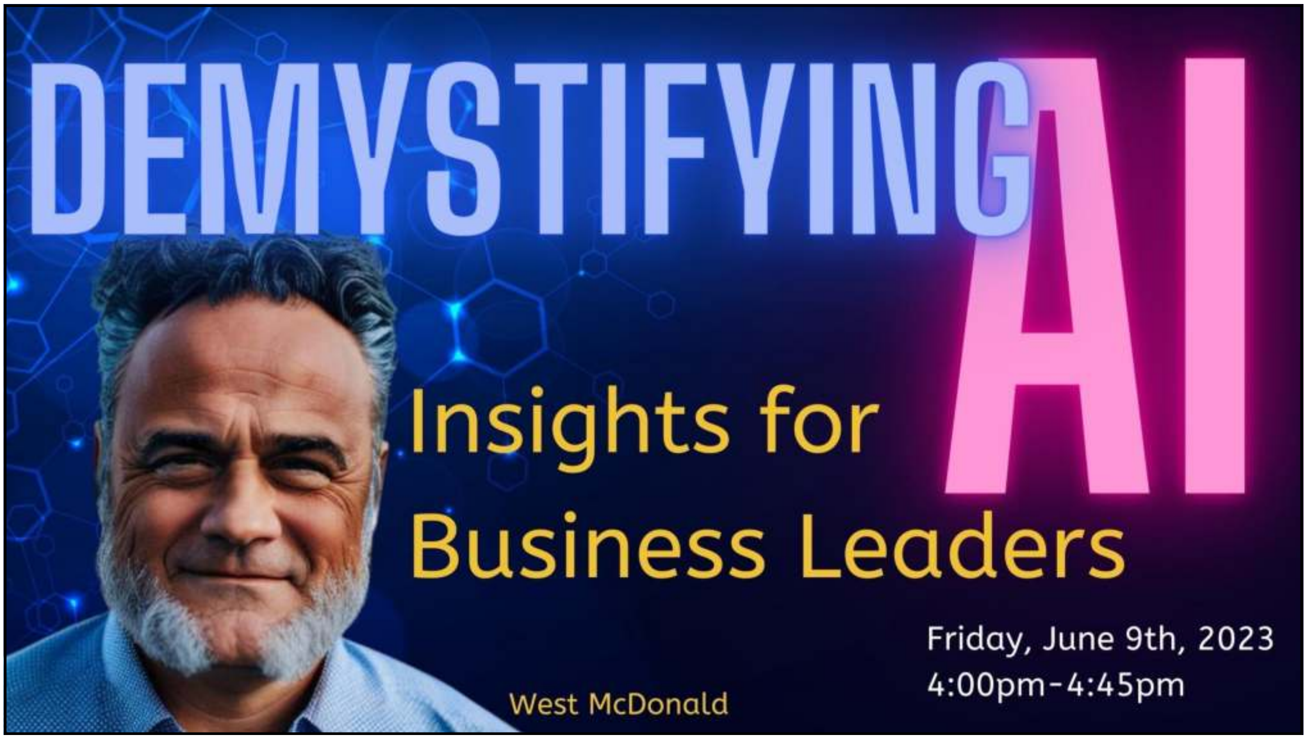
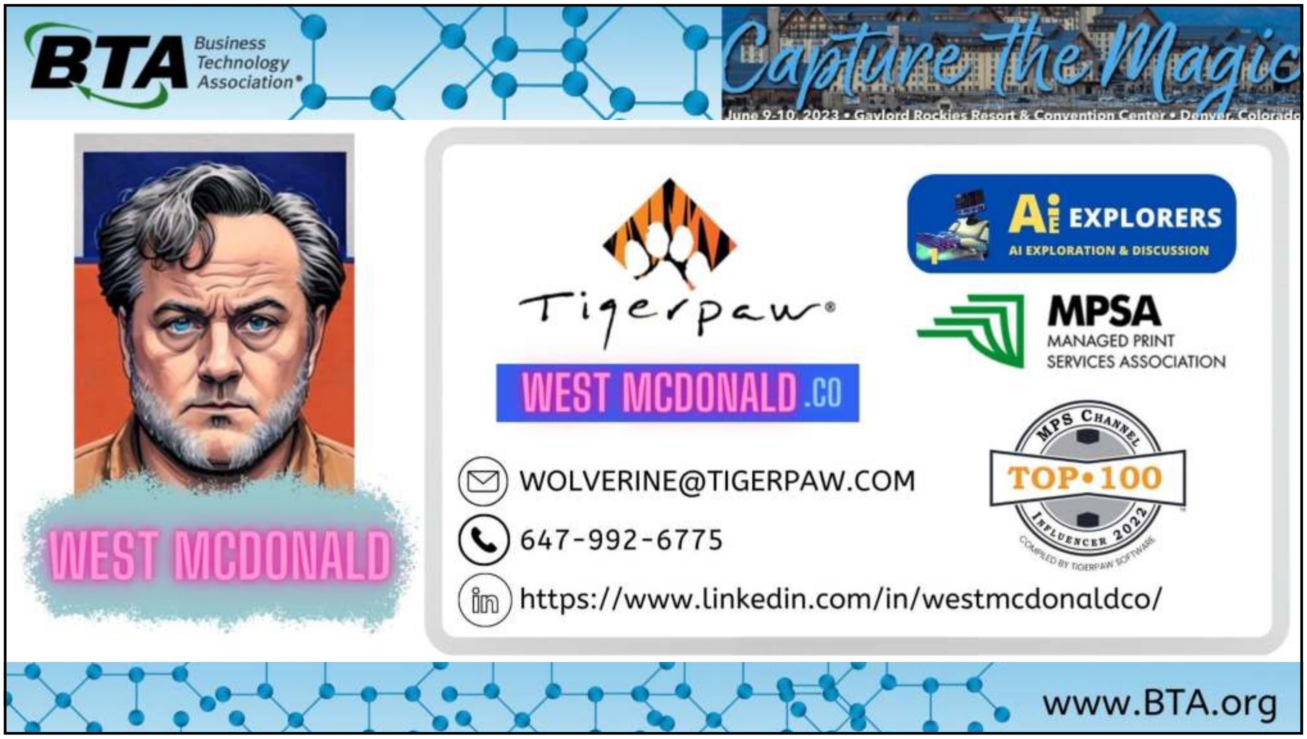


DEMYSTIFYING AI

Insights for Business Leaders

Friday, June 9th, 2023
4:00pm-4:45pm

West McDonald



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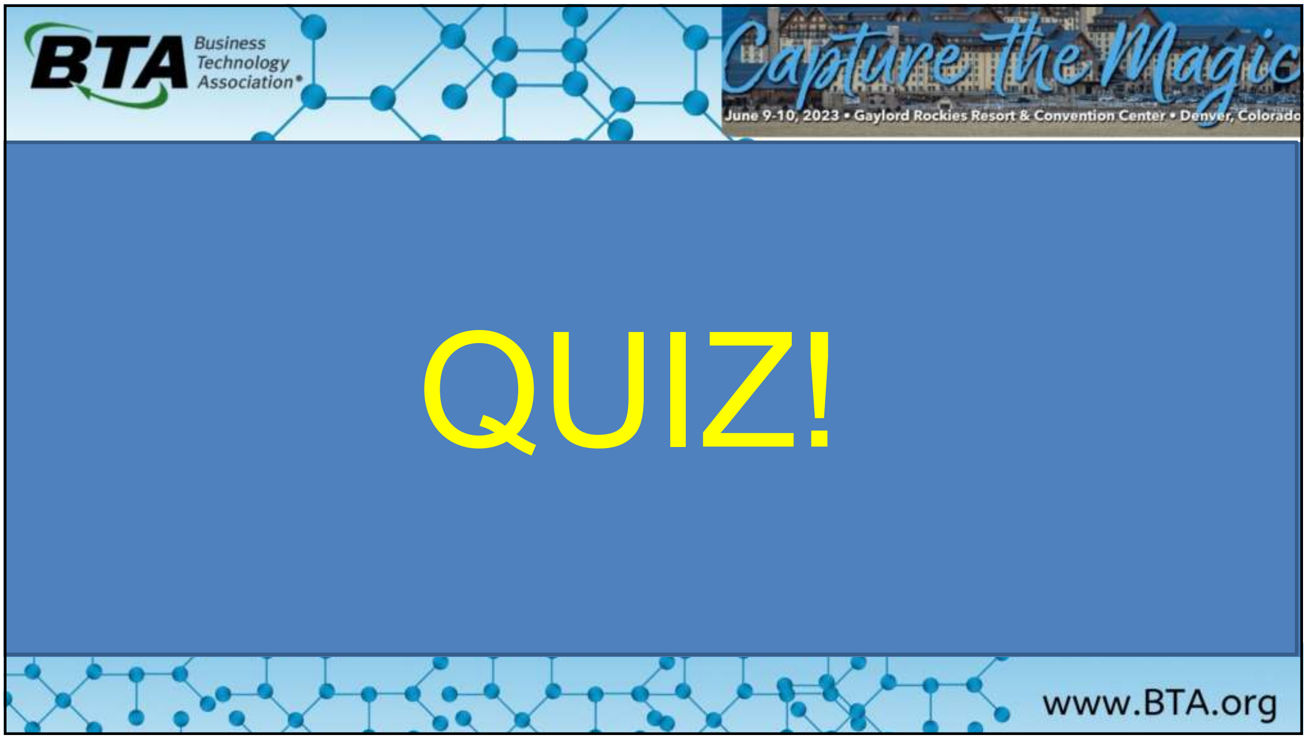

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QUIZ!

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When was the association formed that would later become the Business Technology Association (BTA)?

a) 1926
b) 1933
c) 1943
d) 1955

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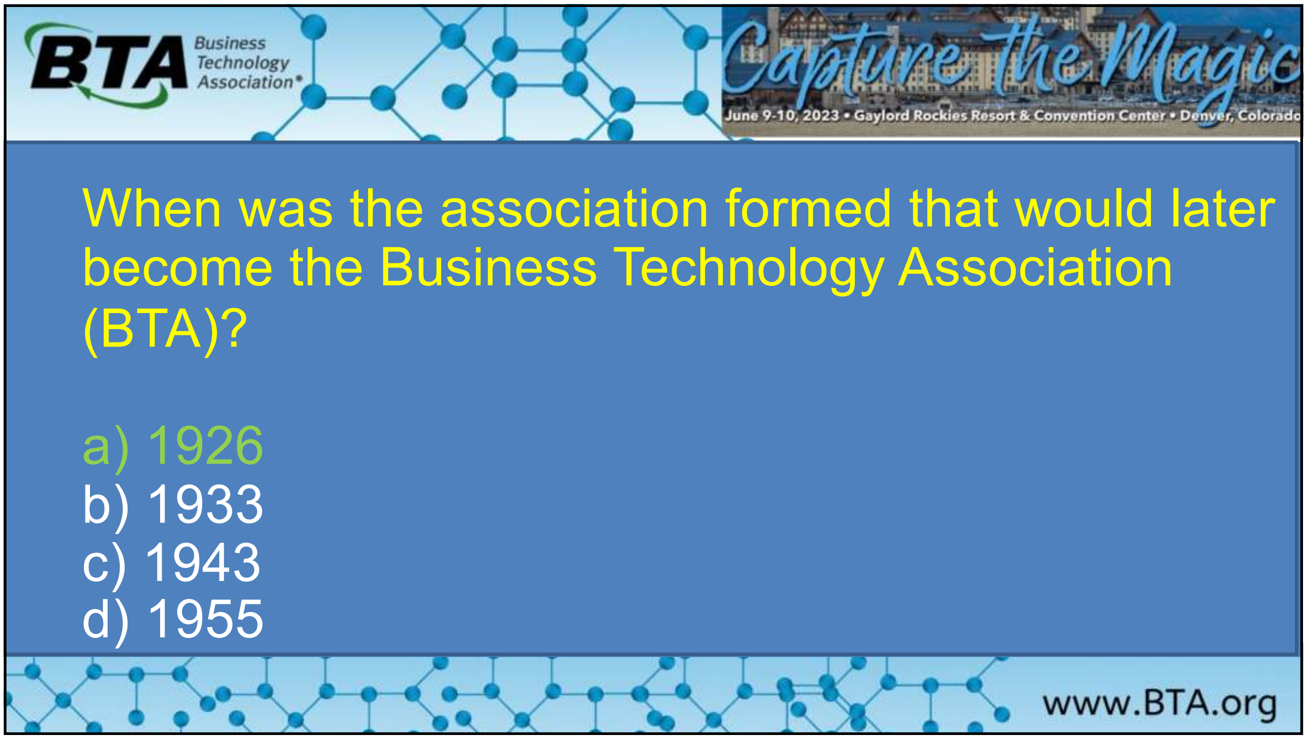
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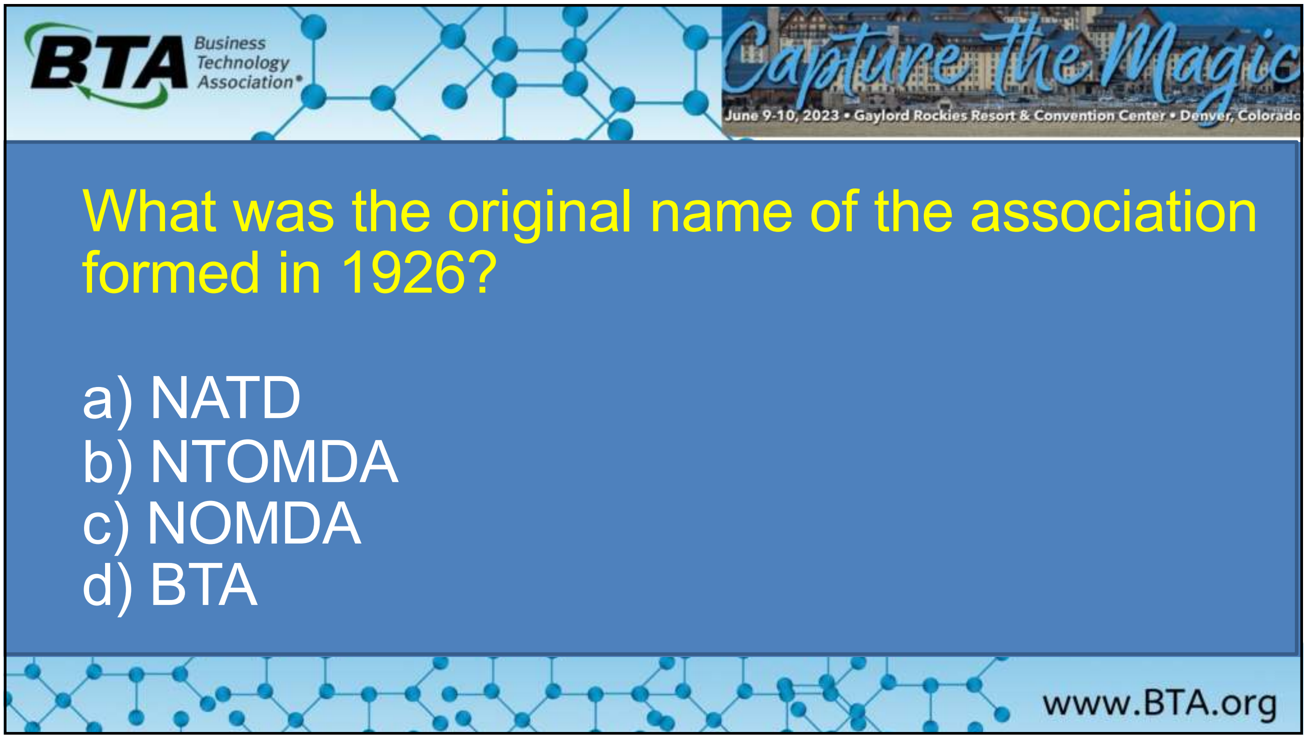
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What was the original name of the association formed in 1926?

a) NATD
b) NTOMDA
c) NOMDA
d) BTA

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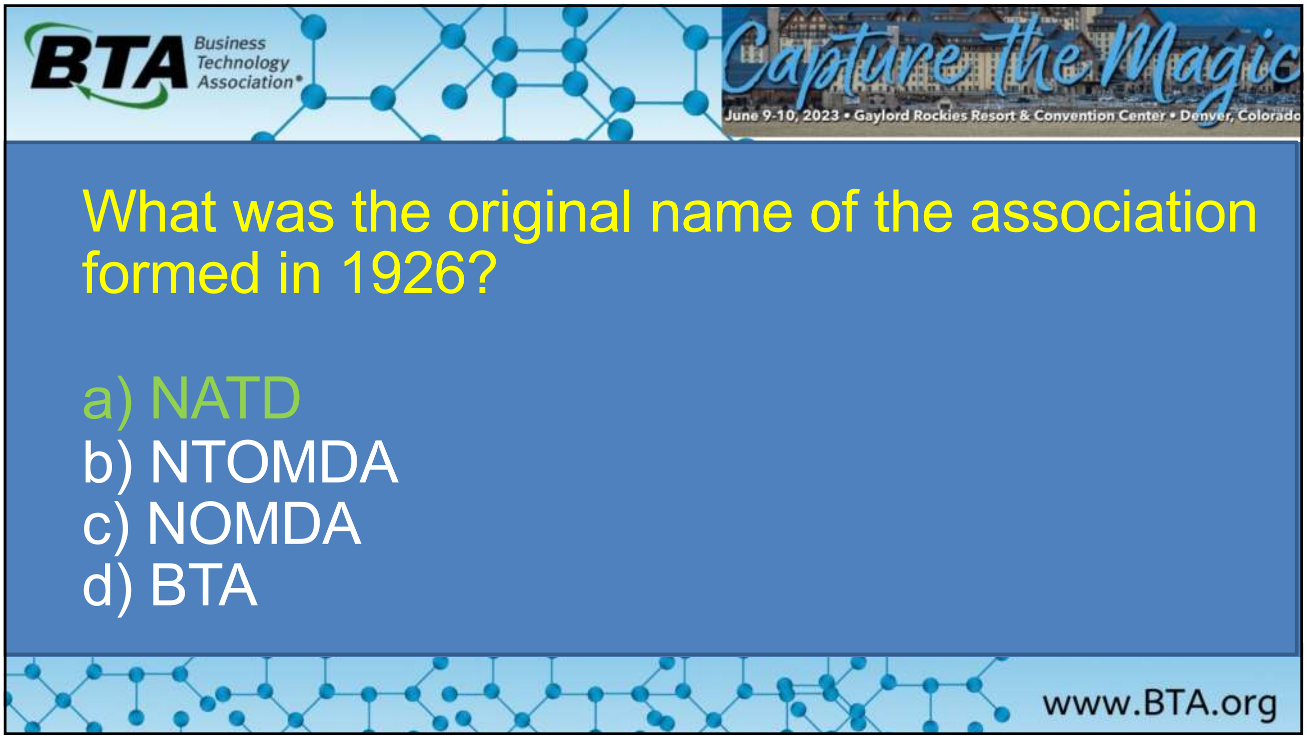
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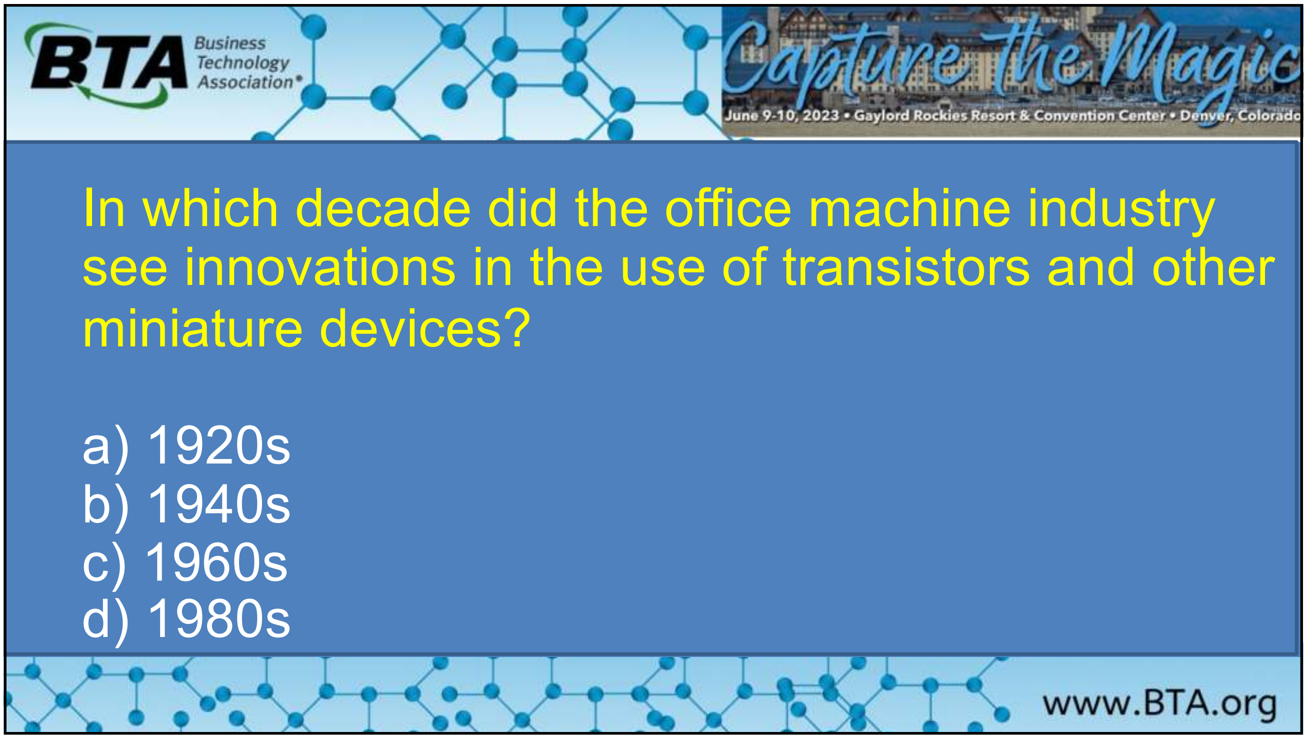
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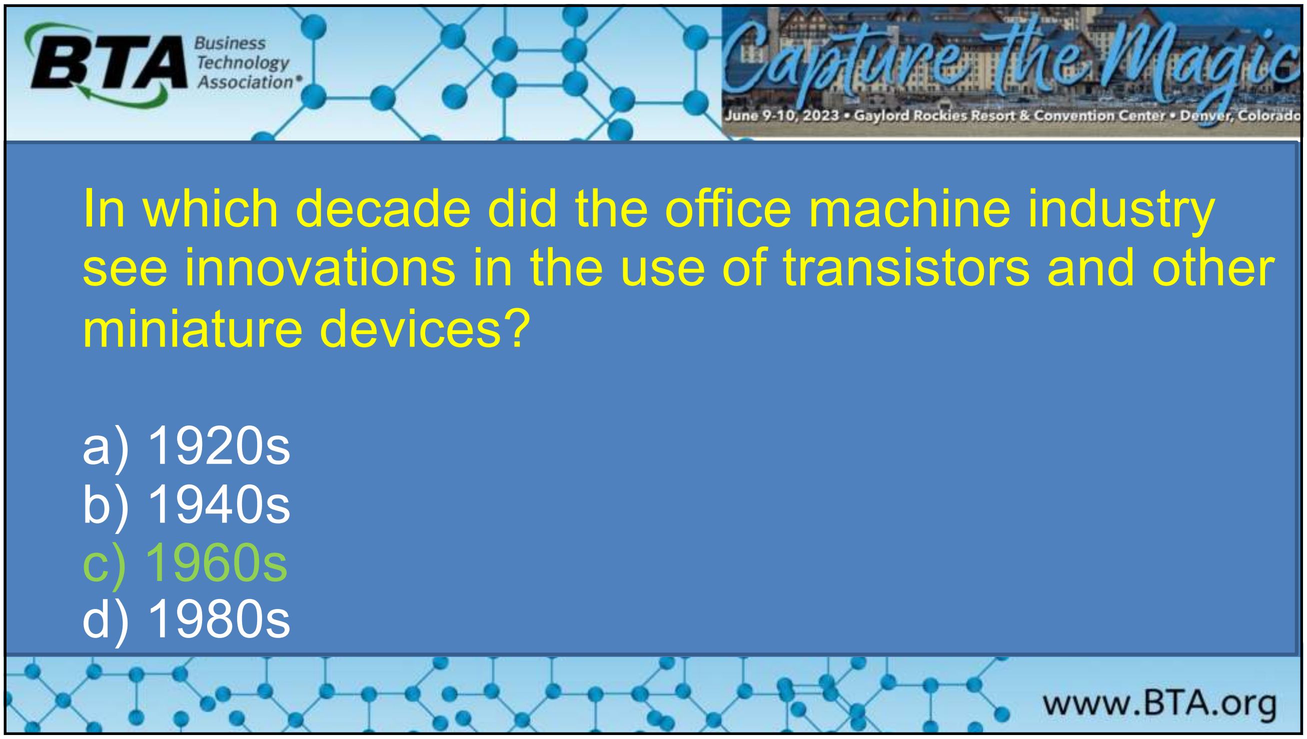
In which decade did the office machine industry see innovations in the use of transistors and other miniature devices?

a) 1920s
b) 1940s
c) 1960s
d) 1980s



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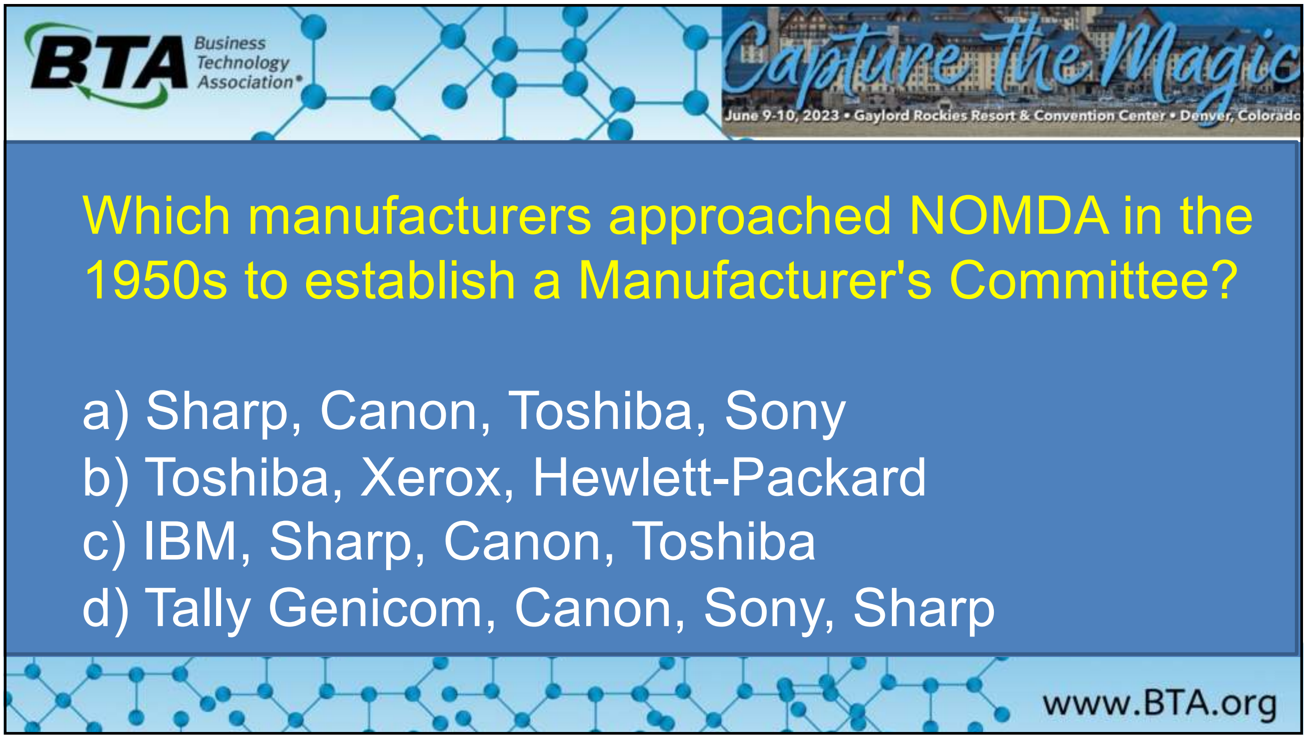

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Which manufacturers approached NOMDA in the 1950s to establish a Manufacturer's Committee?

a) Sharp, Canon, Toshiba, Sony
b) Toshiba, Xerox, Hewlett-Packard
c) IBM, Sharp, Canon, Toshiba
d) Tally Genicom, Canon, Sony, Sharp

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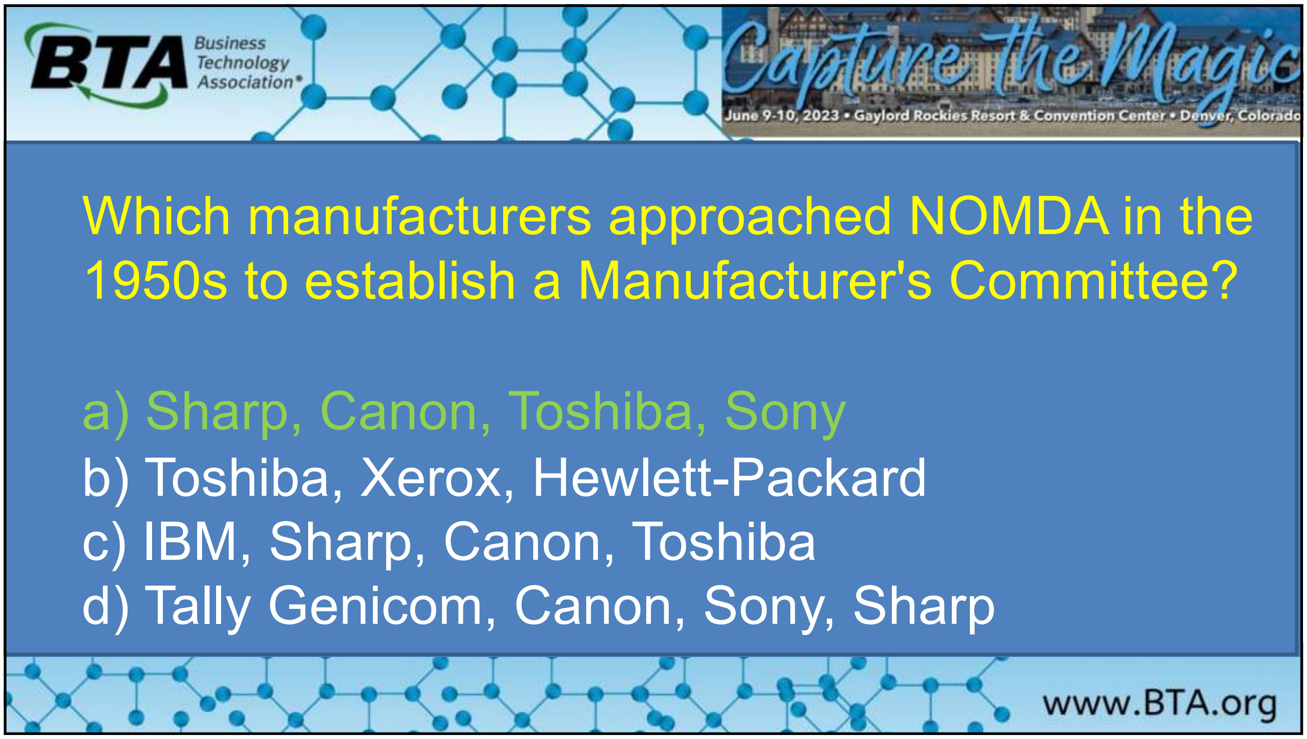

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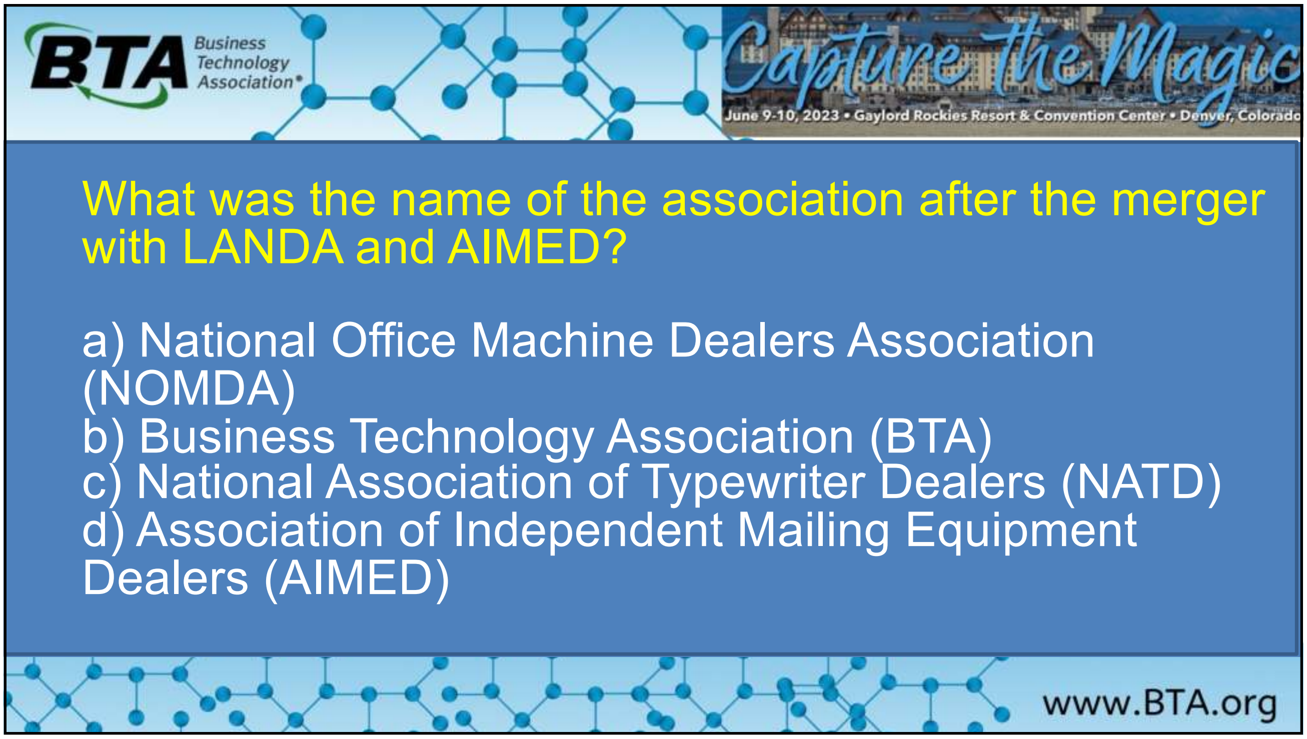

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What was the name of the association after the merger with LANDA and AIMED?

a) National Office Machine Dealers Association (NOMDA)
b) Business Technology Association (BTA)
c) National Association of Typewriter Dealers (NATD)
d) Association of Independent Mailing Equipment Dealers (AIMED)

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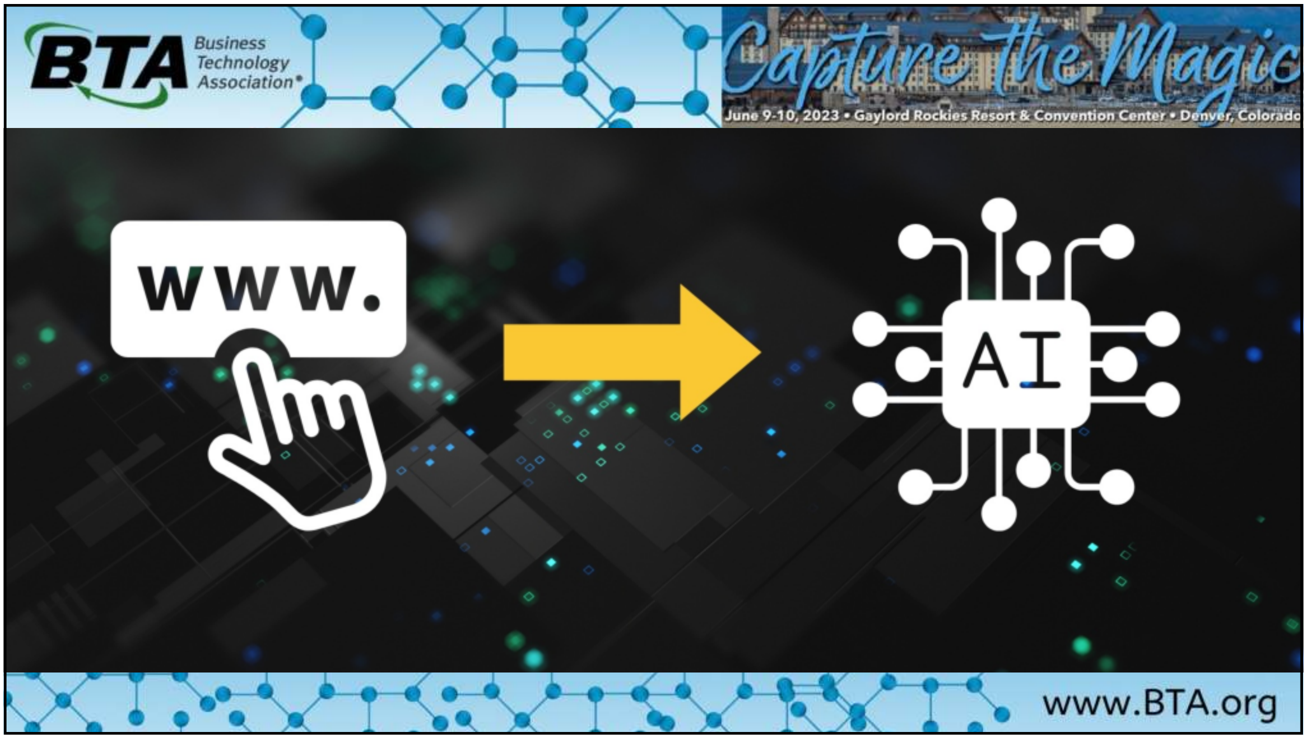
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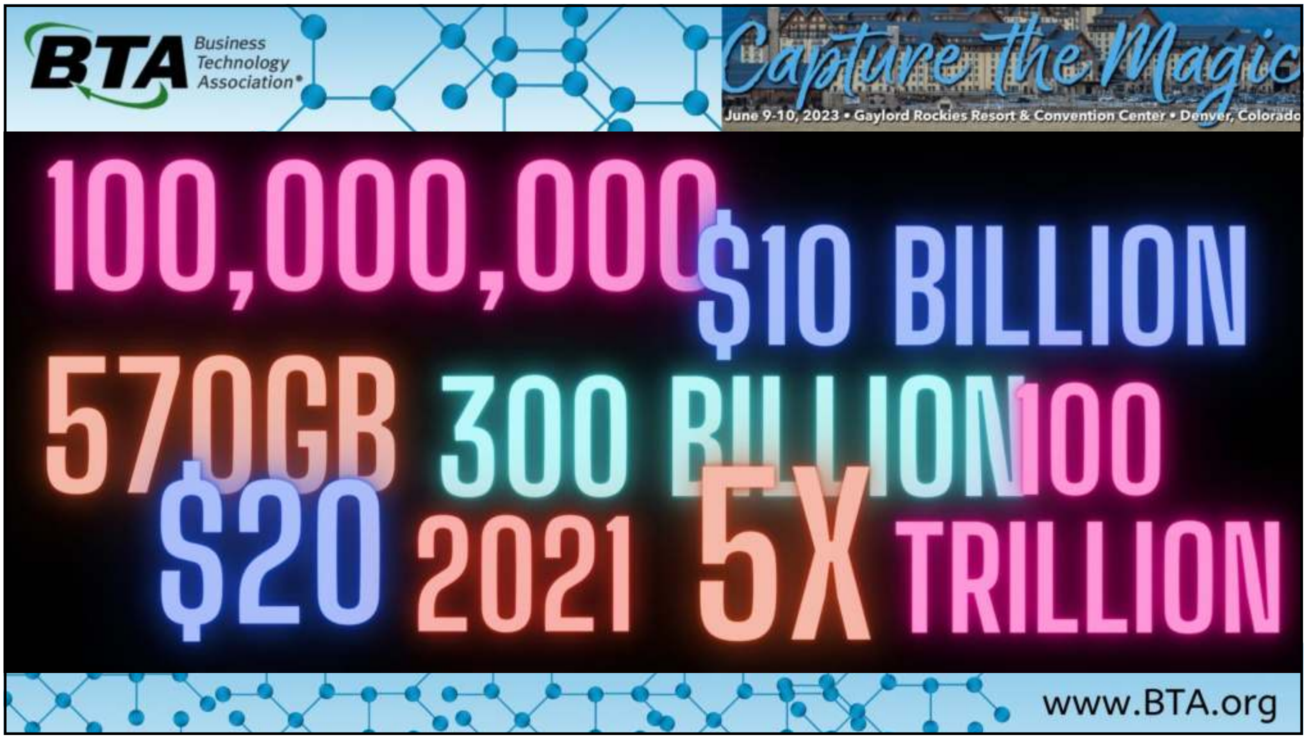

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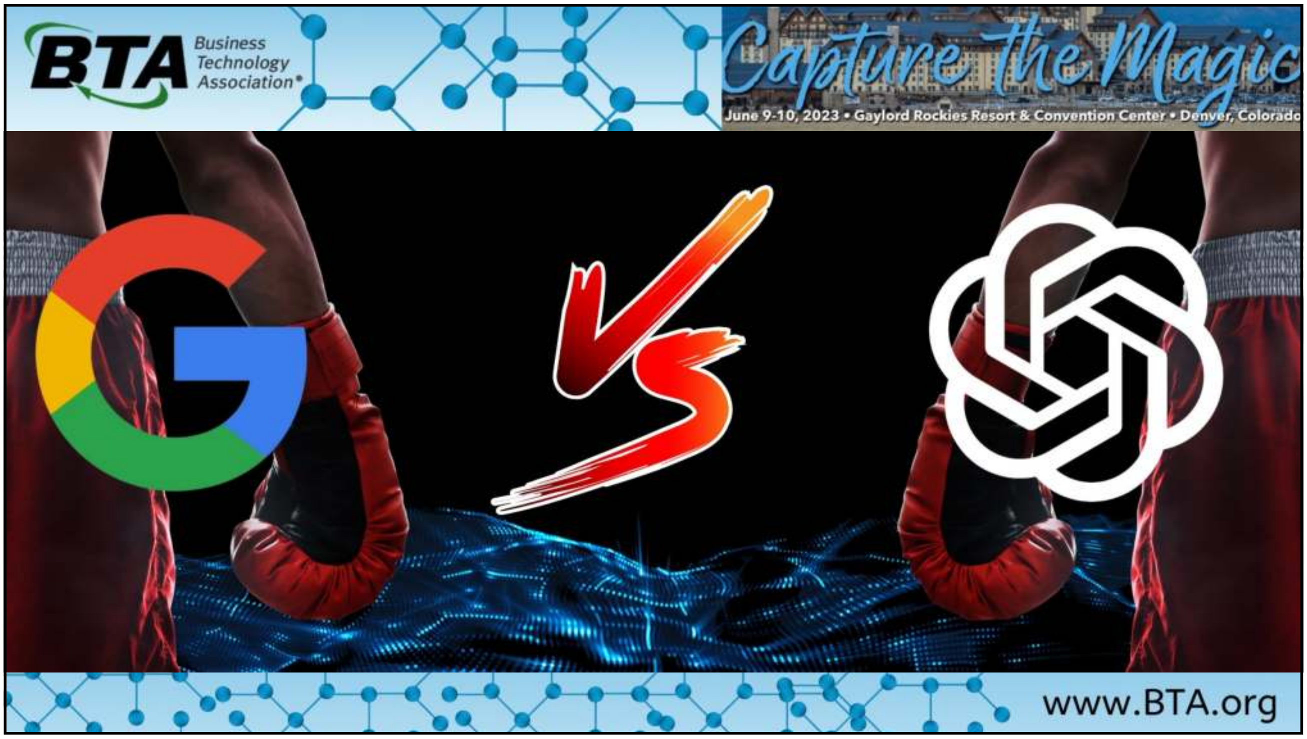

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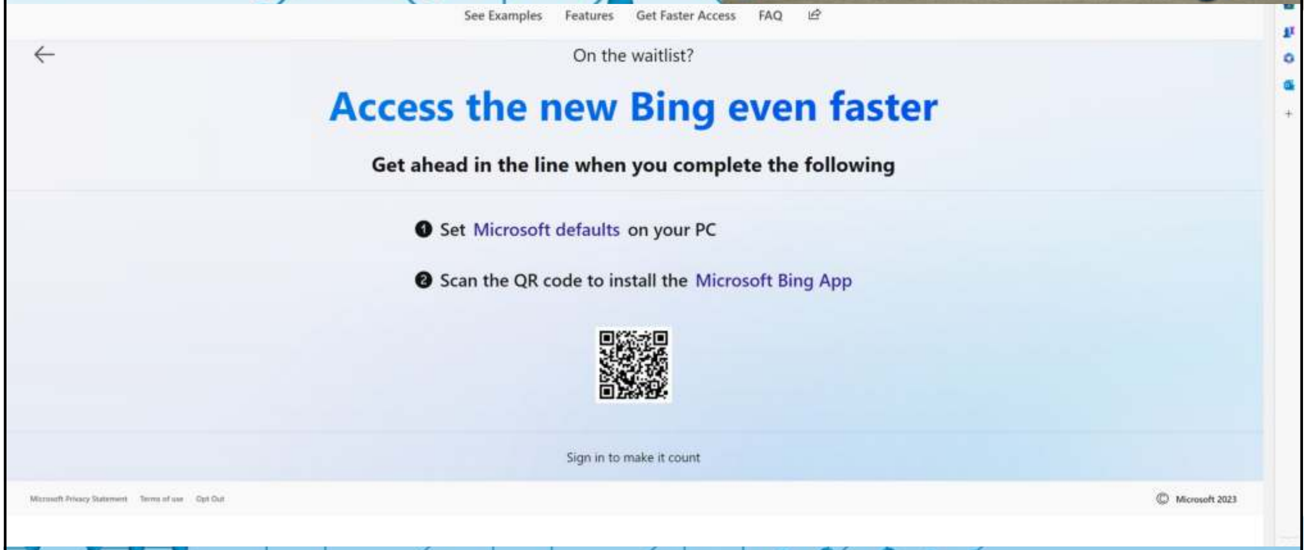
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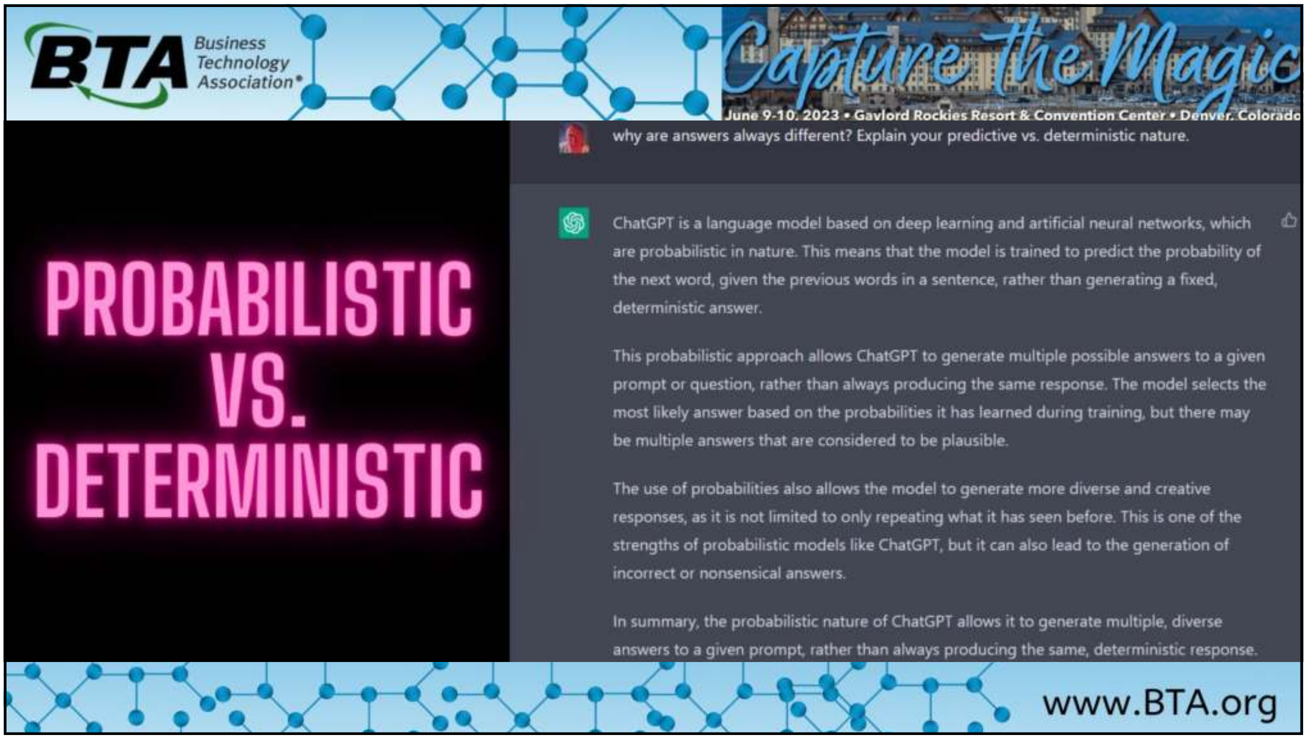
ChatGPT and similar technologies are "the electric bike for the mind," Boyle said, which helps you "conquer bigger hills and further distances than you otherwise would have done," but you still have to pedal.

-David Boyle, Audience Strategies and author of "Prompt".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PROBABILISTIC VS. DETERMINISTIC

why are answers always different? Explain your predictive vs. deterministic nature.

ChatGPT is a language model based on deep learning and artificial neural networks, which are probabilistic in nature. This means that the model is trained to predict the probability of the next word, given the previous words in a sentence, rather than generating a fixed, deterministic answer.

This probabilistic approach allows ChatGPT to generate multiple possible answers to a given prompt or question, rather than always producing the same response. The model selects the most likely answer based on the probabilities it has learned during training, but there may be multiple answers that are considered to be plausible.

The use of probabilities also allows the model to generate more diverse and creative responses, as it is not limited to only repeating what it has seen before. This is one of the strengths of probabilistic models like ChatGPT, but it can also lead to the generation of incorrect or nonsensical answers.

In summary, the probabilistic nature of ChatGPT allows it to generate multiple, diverse answers to a given prompt, rather than always producing the same, deterministic response.

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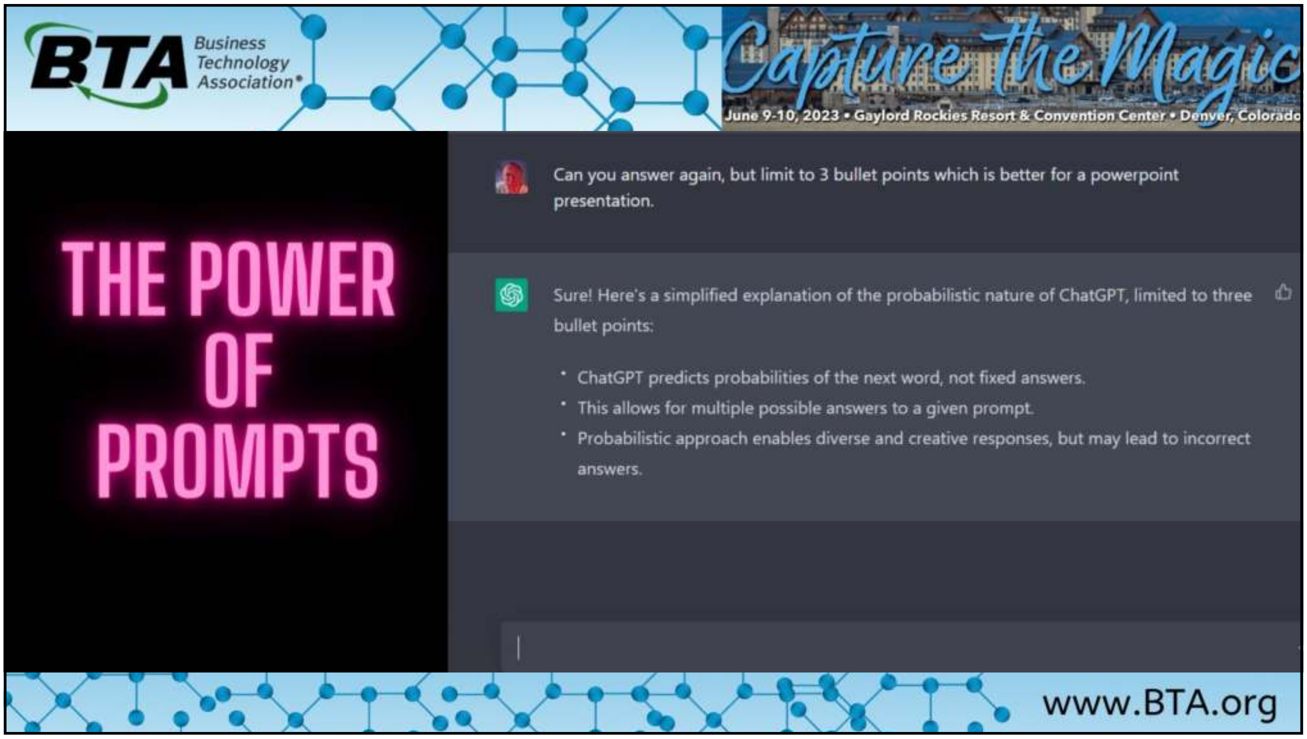
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THE POWER OF PROMPTS

Can you answer again, but limit to 3 bullet points which is better for a powerpoint presentation.

Sure! Here's a simplified explanation of the probabilistic nature of ChatGPT, limited to three bullet points:

- ChatGPT predicts probabilities of the next word, not fixed answers.
- This allows for multiple possible answers to a given prompt.
- Probabilistic approach enables diverse and creative responses, but may lead to incorrect answers.

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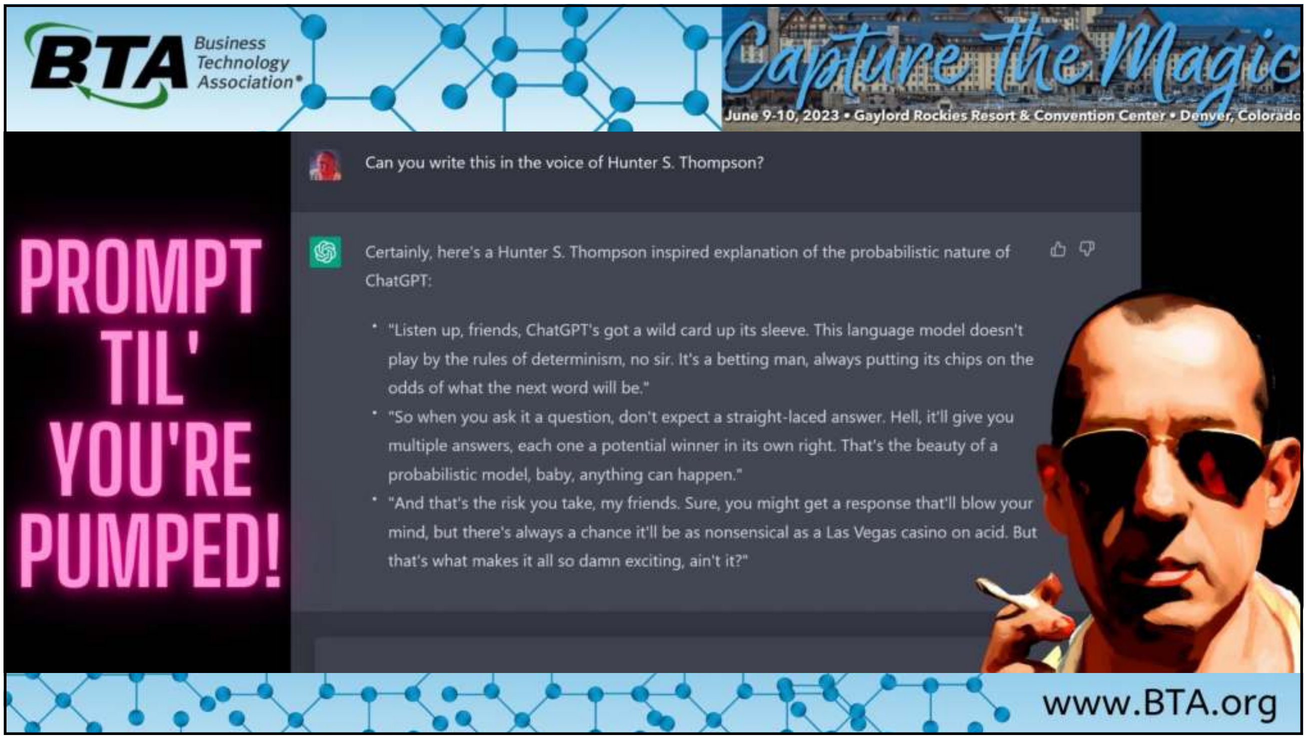

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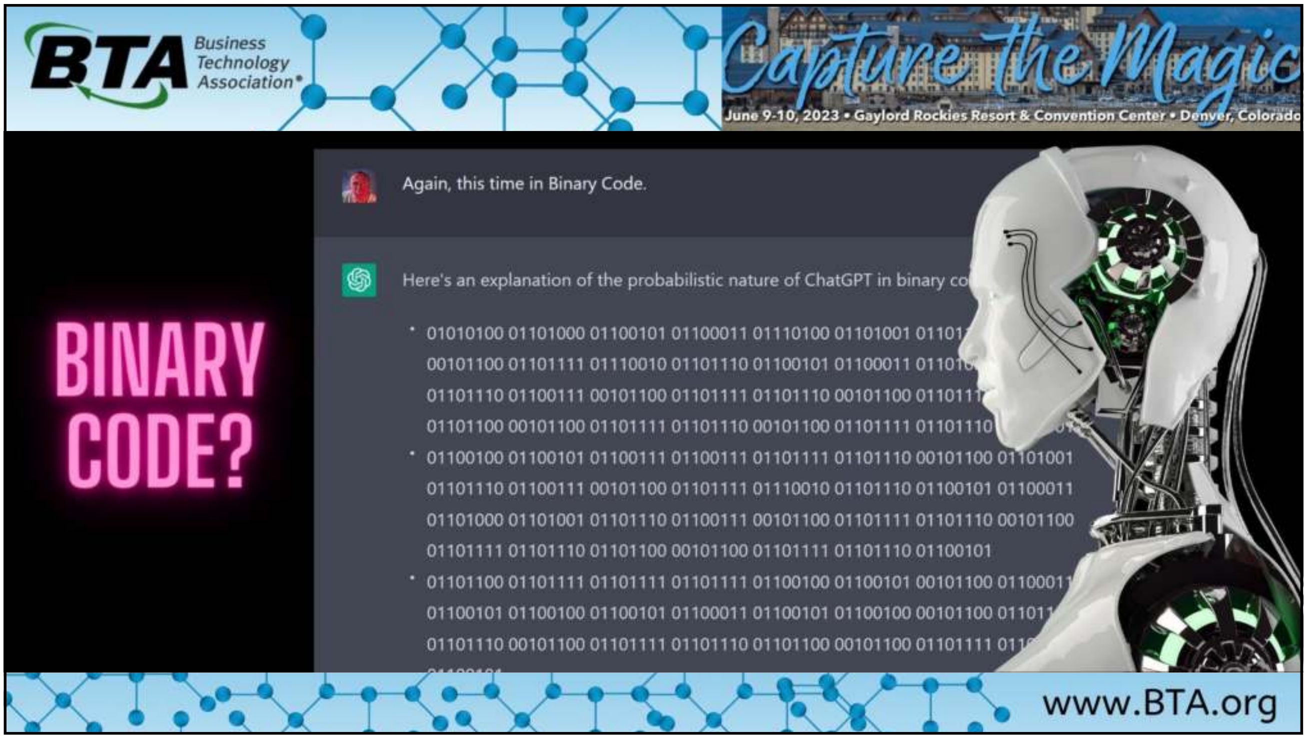
PROMPT TIL' YOU'RE PUMPED!

Can you write this in the voice of Hunter S. Thompson?

Certainly, here's a Hunter S. Thompson inspired explanation of the probabilistic nature of ChatGPT:

- "Listen up, friends, ChatGPT's got a wild card up its sleeve. This language model doesn't play by the rules of determinism, no sir. It's a betting man, always putting its chips on the odds of what the next word will be."
- "So when you ask it a question, don't expect a straight-laced answer. Hell, it'll give you multiple answers, each one a potential winner in its own right. That's the beauty of a probabilistic model, baby, anything can happen."
- "And that's the risk you take, my friends. Sure, you might get a response that'll blow your mind, but there's always a chance it'll be as nonsensical as a Las Vegas casino on acid. But that's what makes it all so damn exciting, ain't it?"



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BINARY CODE?

Again, this time in Binary Code.

Here's an explanation of the probabilistic nature of ChatGPT in binary co

- 01010100 01101000 01100101 01100011 01110100 01101001 01101
  00101100 01101111 01110010 01101110 01100101 01100011 01101
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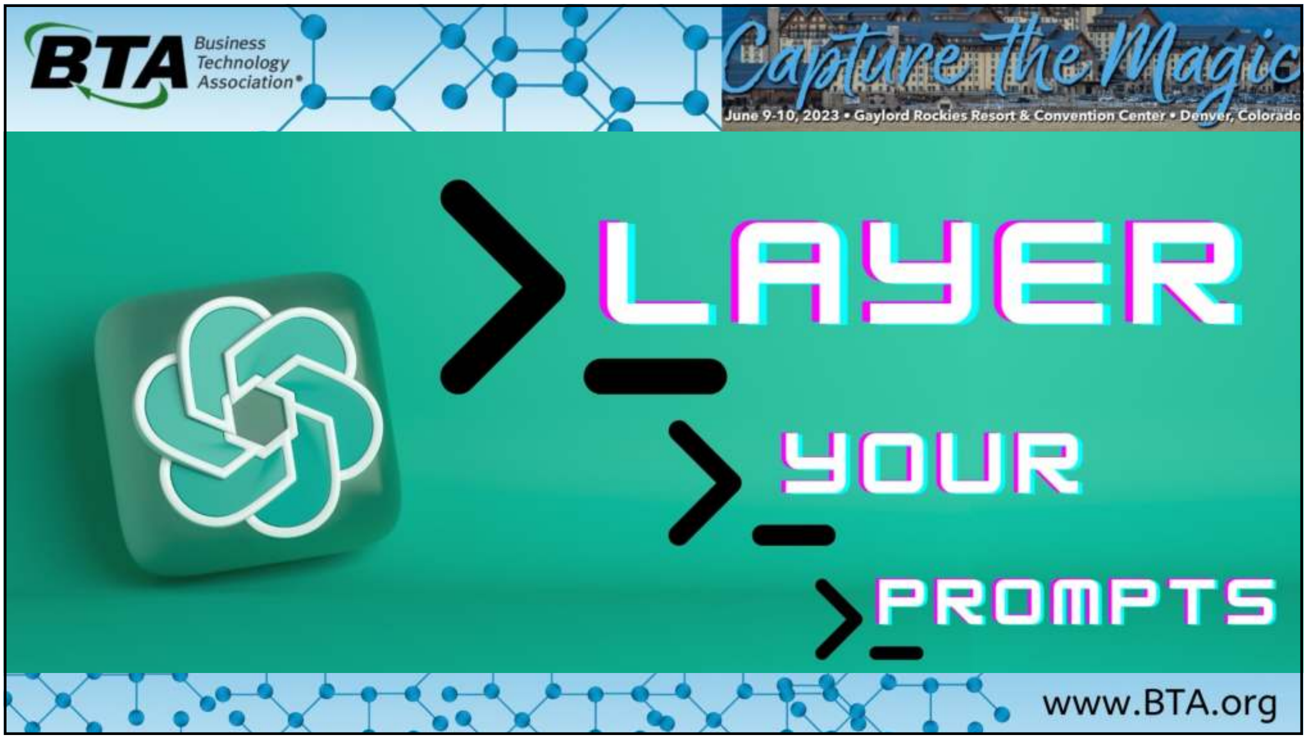

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>_LAYER

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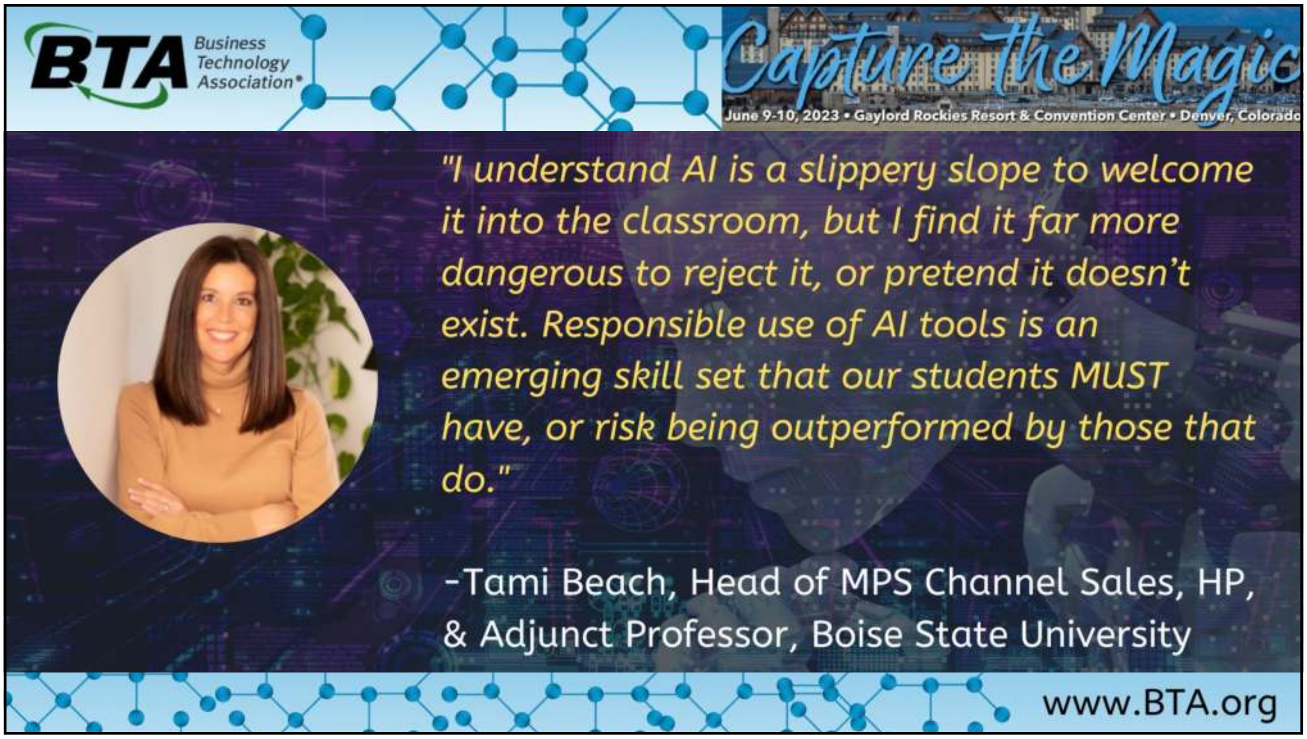

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"I understand AI is a slippery slope to welcome it into the classroom, but I find it far more dangerous to reject it, or pretend it doesn't exist. Responsible use of AI tools is an emerging skill set that our students MUST have, or risk being outperformed by those that do."

-Tami Beach, Head of MPS Channel Sales, HP, & Adjunct Professor, Boise State University

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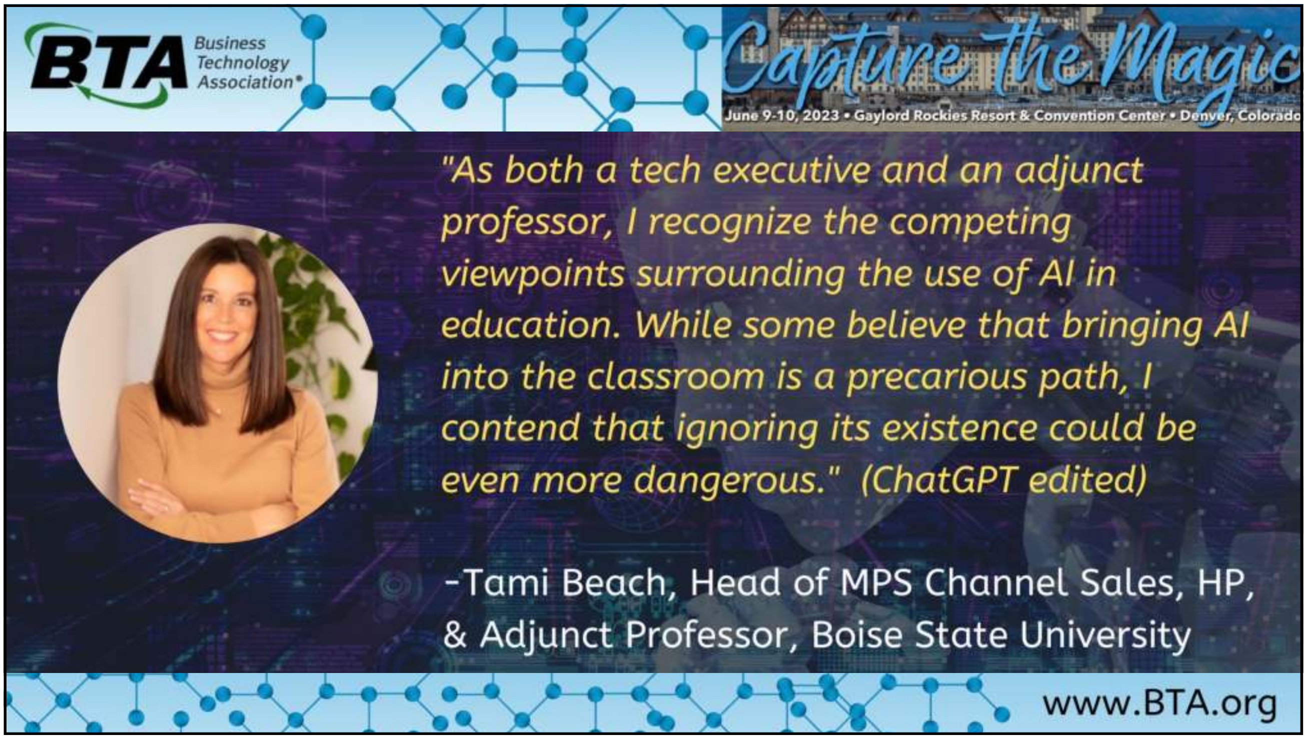

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"As both a tech executive and an adjunct professor, I recognize the competing viewpoints surrounding the use of AI in education. While some believe that bringing AI into the classroom is a precarious path, I contend that ignoring its existence could be even more dangerous." (ChatGPT edited)

-Tami Beach, Head of MPS Channel Sales, HP, & Adjunct Professor, Boise State University

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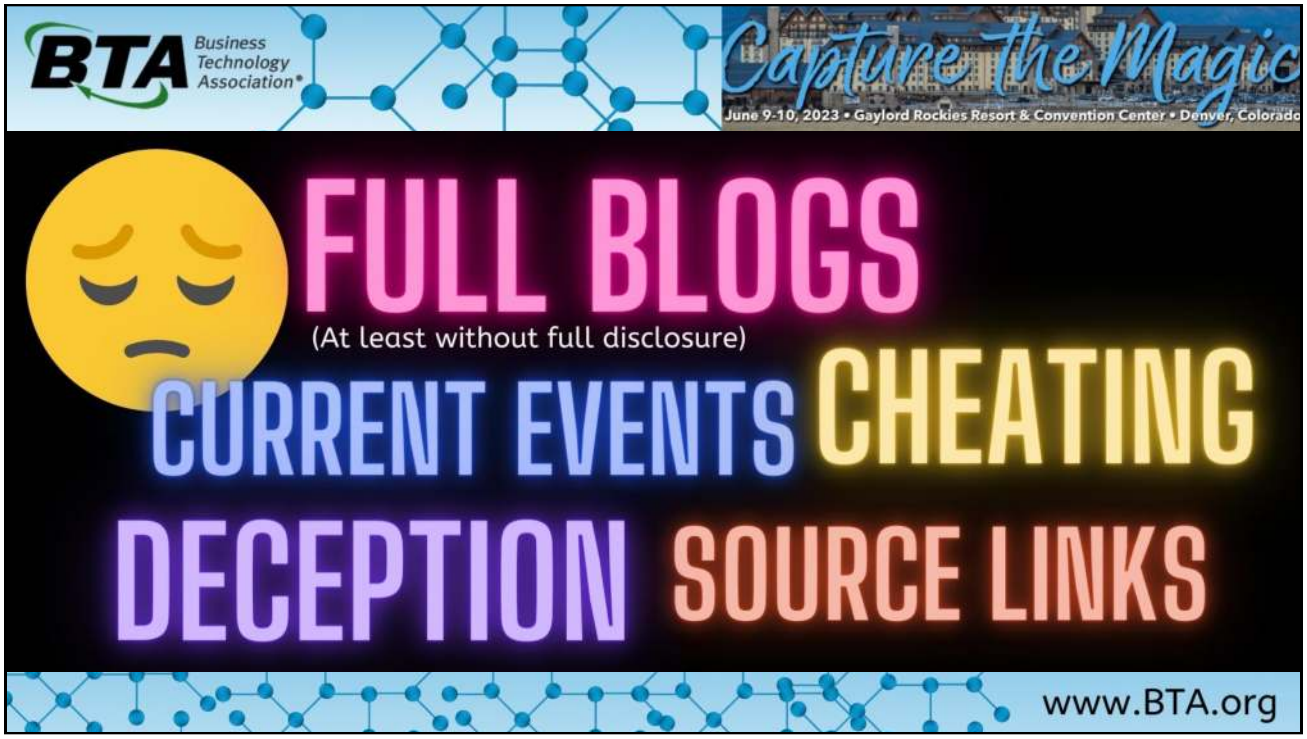

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FULL BLOGS

(At least without full disclosure)

CURRENT EVENTS

CHEATING

DECEPTION

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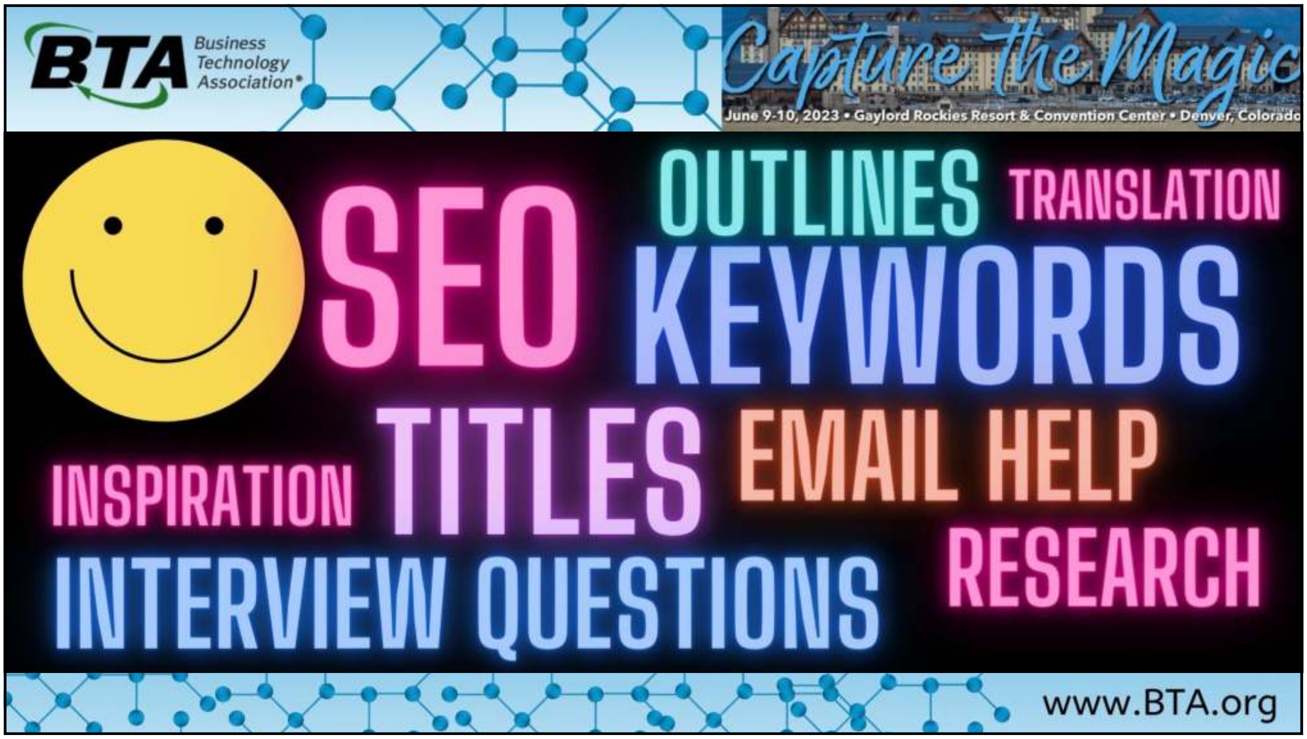

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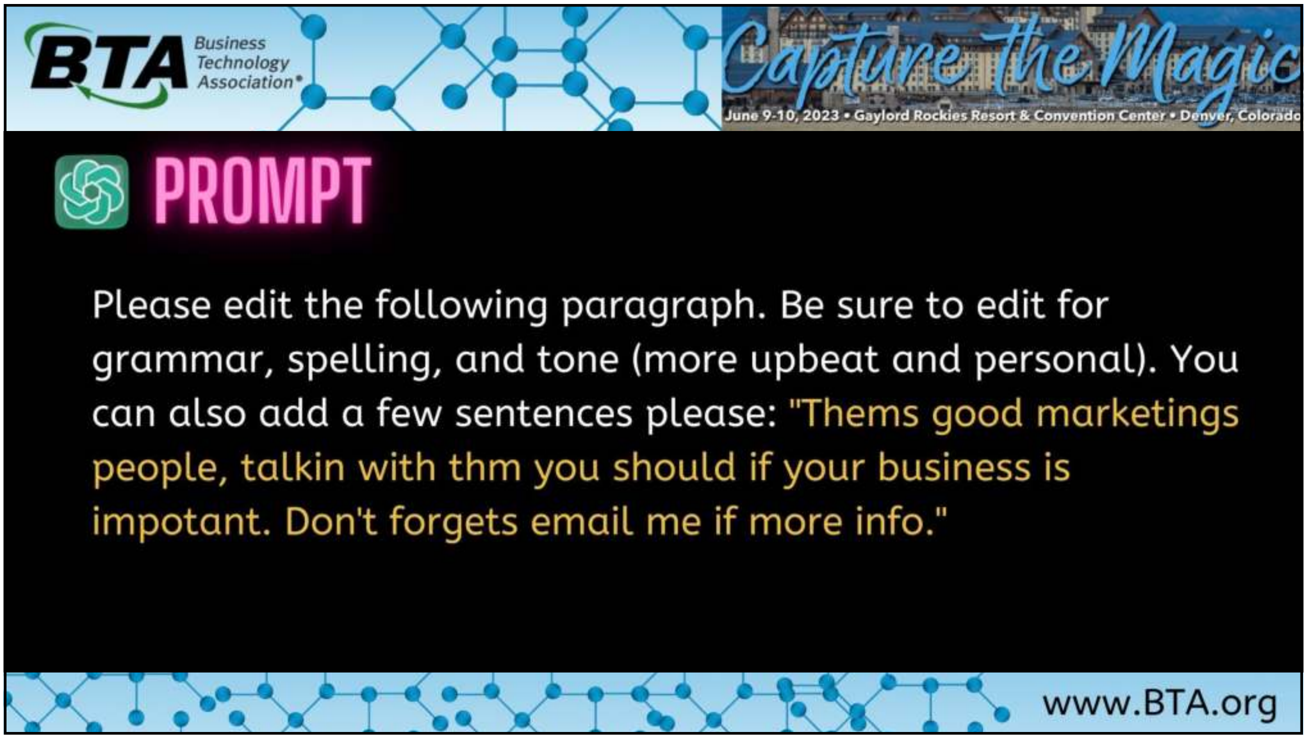

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PROMPT

Please edit the following paragraph. Be sure to edit for grammar, spelling, and tone (more upbeat and personal). You can also add a few sentences please: "Thems good marketings people, talkin with thm you should if your business is impotant. Don't forgets email me if more info."

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RESPONSE

Hey there! I just wanted to let you know about some great marketing folks. If your business is important to you, then you should definitely talk to them. They're knowledgeable and can help you take your business to the next level. Don't hesitate to reach out to me if you need more information. And, just a friendly reminder, don't forget to email me if you need anything else. Looking forward to hearing from you!

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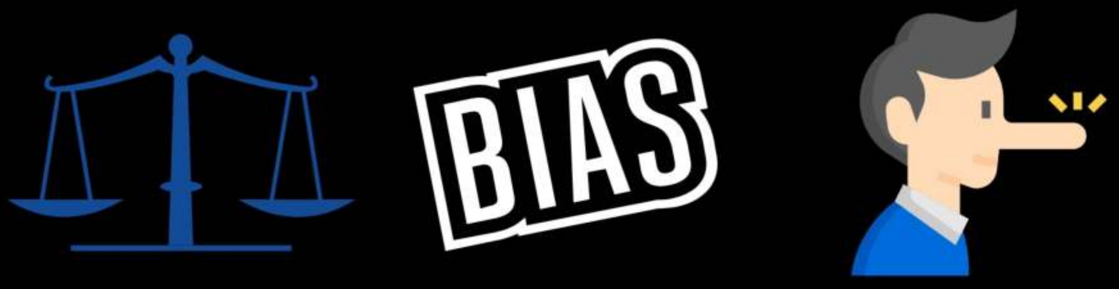

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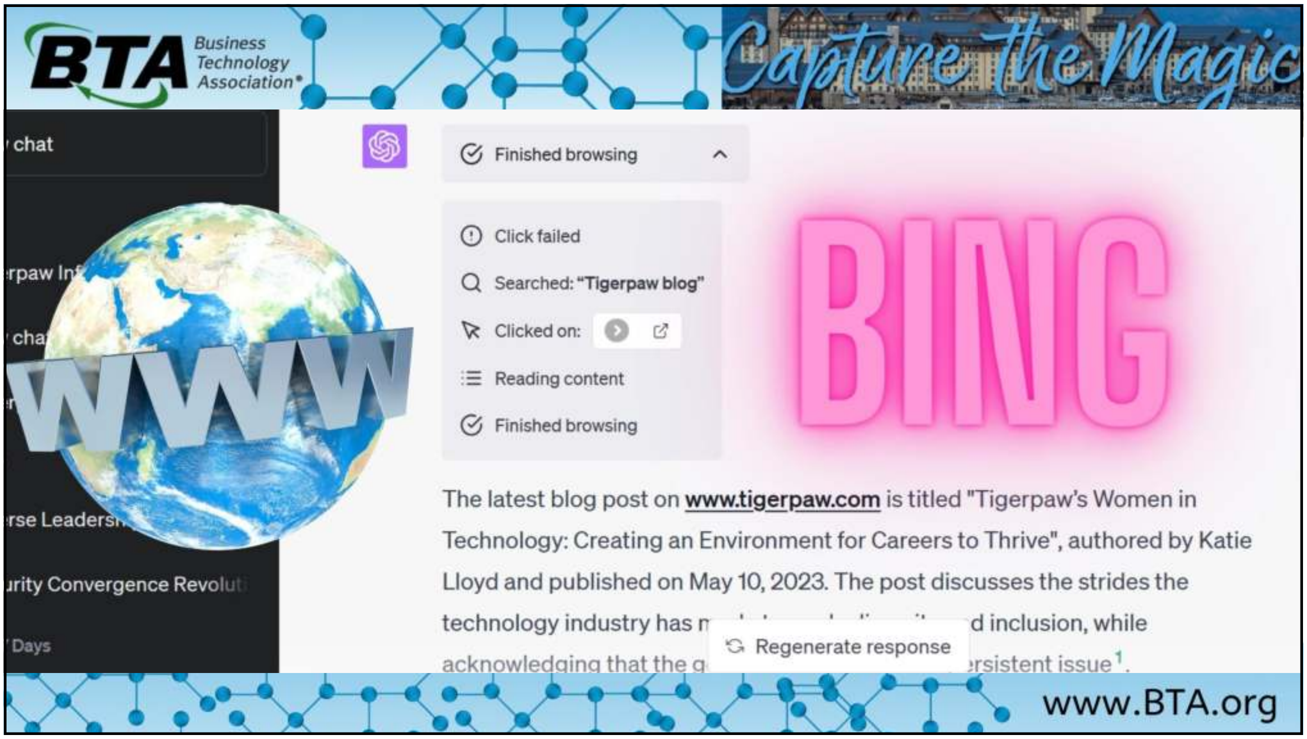
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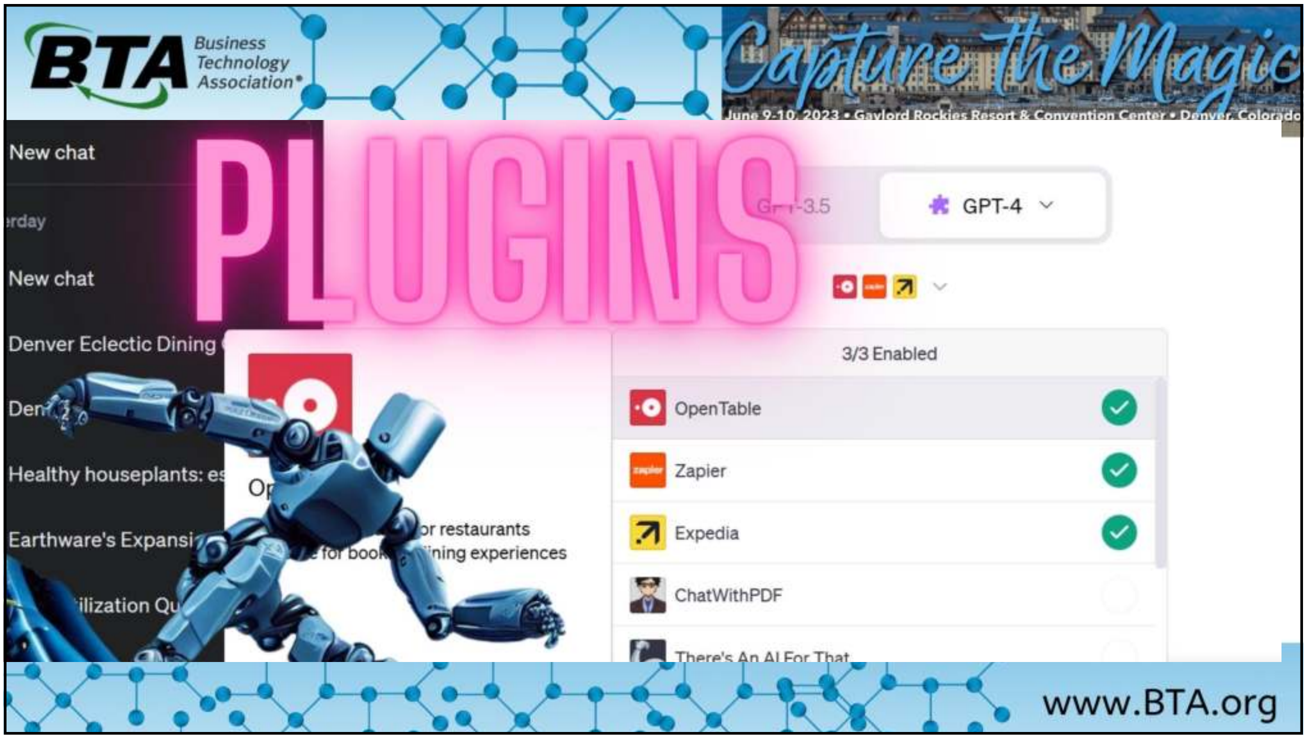
The latest blog post on www.tigerpaw.com is titled "Tigerpaw's Women in Technology: Creating an Environment for Careers to Thrive", authored by Katie Lloyd and published on May 10, 2023. The post discusses the strides the technology industry has m d inclusion, while acknowledging that the g rsistent issue[1].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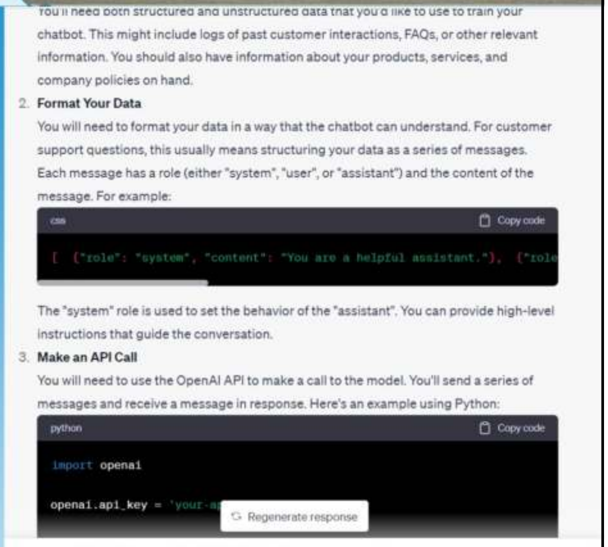
"How would I use a plugin or API to use ChatGPT to use my structured and unstructured data to act as a chatbot to answer customer support questions?"



You'll need both structured and unstructured data that you'd like to use to train your chatbot. This might include logs of past customer interactions, FAQs, or other relevant information. You should also have information about your products, services, and company policies on hand.

2. **Format Your Data**

   You will need to format your data in a way that the chatbot can understand. For customer support questions, this usually means structuring your data as a series of messages. Each message has a role (either "system", "user", or "assistant") and the content of the message. For example:

```css
[ {"role": "system", "content": "You are a helpful assistant."}, {"role
```

   The "system" role is used to set the behavior of the "assistant". You can provide high-level instructions that guide the conversation.

3. **Make an API Call**

   You will need to use the OpenAI API to make a call to the model. You'll send a series of messages and receive a message in response. Here's an example using Python:

```python
import openai

openai.api_key = 'your-a
```

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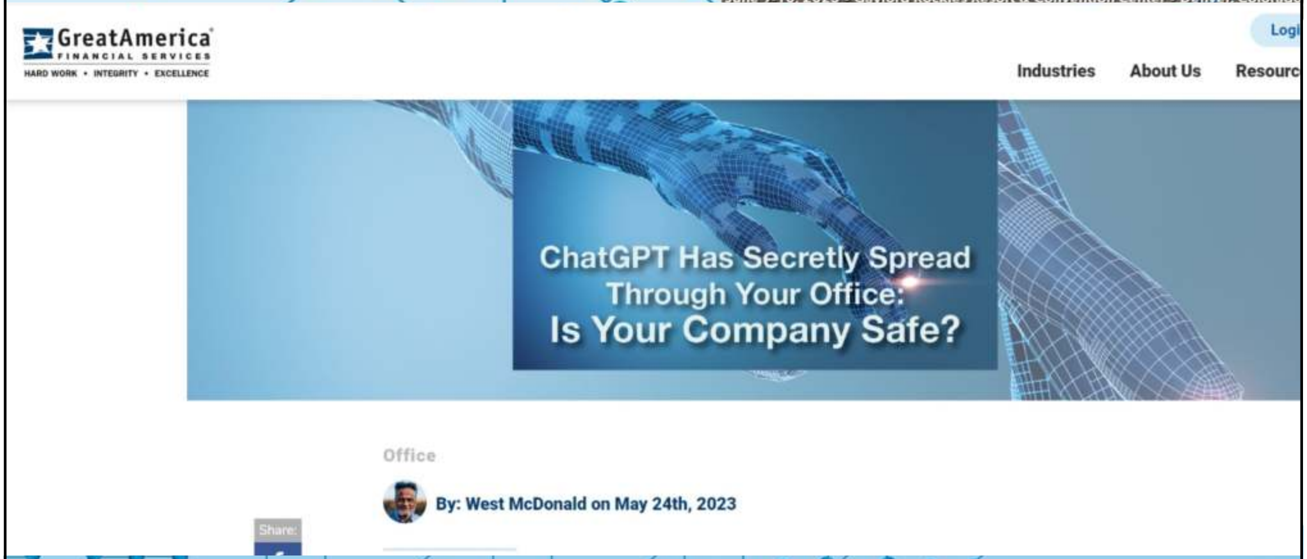

ChatGPT Has Secretly Spread Through Your Office: Is Your Company Safe?

Office

By: West McDonald on May 24th, 2023

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KEYPOINT INTELLIGENCE

AI Corporate Usage Guidelines

As we all navigate the frontiers of artificial intelligence, Keypoint Intelligence is mindful of the heightened responsibility that comes with these advanced technologies and experimentation with them in the office. Considering this, we present our corporate guidelines for AI usage:

Maintaining Confidentiality and Ensuring Data Security:

- Circumvent the release of any Keypoint Intelligence data, analytical information, or proprietary assets in an open AI environment. The exposure of such materials on external servers could risk its security and privacy.
- Opt for disabling chat history when using AI-based chat services. Remember, even when disabled, data is retained for 30 days before deletion.

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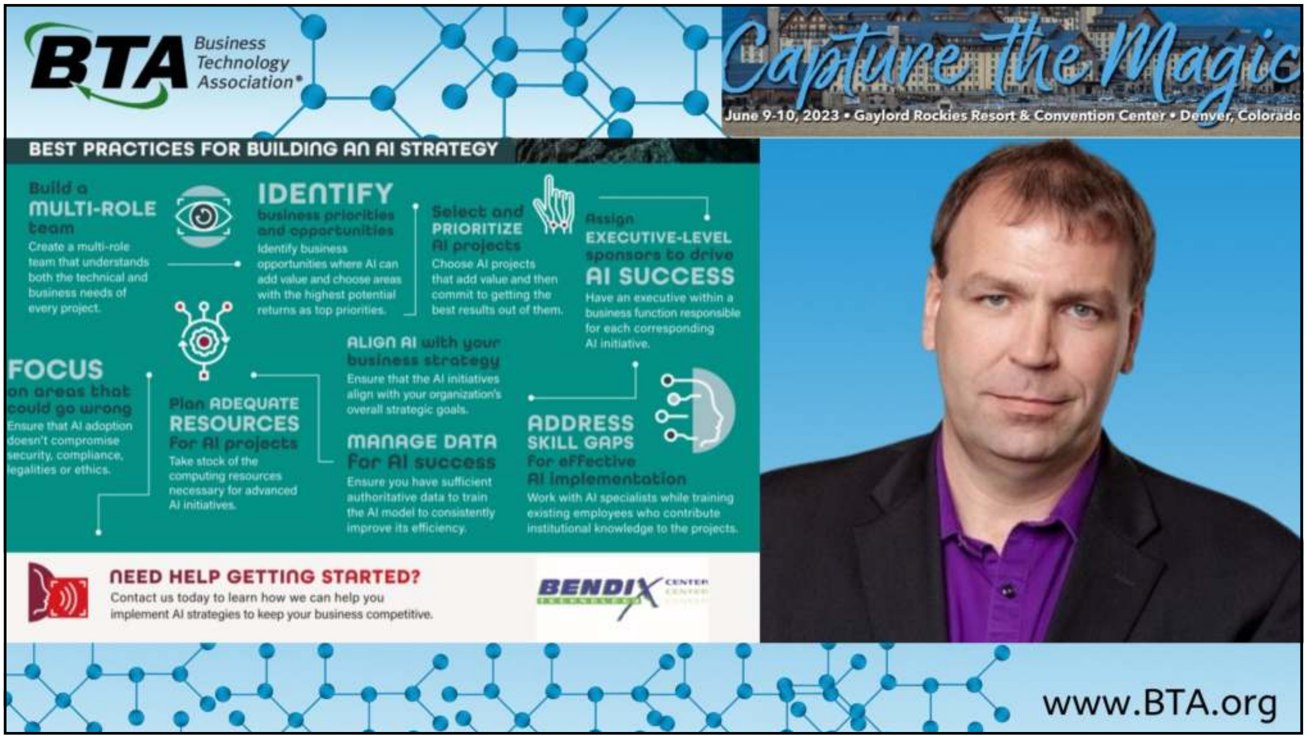

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BEST PRACTICES FOR BUILDING AN AI STRATEGY

Build a MULTI-ROLE team
Create a multi-role team that understands both the technical and business needs of every project.

IDENTIFY business priorities and opportunities
Identify business opportunities where AI can add value and choose areas with the highest potential returns as top priorities.

Select and PRIORITIZE AI projects
Choose AI projects that add value and then commit to getting the best results out of them.

Assign EXECUTIVE-LEVEL sponsors to drive AI SUCCESS
Have an executive within a business function responsible for each corresponding AI initiative.

FOCUS on areas that could go wrong
Ensure that AI adoption doesn't compromise security, compliance, legalities or ethics.

Plan ADEQUATE RESOURCES for AI projects
Take stock of the computing resources necessary for advanced AI initiatives.

ALIGN AI with your business strategy
Ensure that the AI initiatives align with your organization's overall strategic goals.

MANAGE DATA for AI success
Ensure you have sufficient authoritative data to train the AI model to consistently improve its efficiency.

ADDRESS SKILL GAPS for effective AI implementation
Work with AI specialists while training existing employees who contribute institutional knowledge to the projects.

NEED HELP GETTING STARTED?
Contact us today to learn how we can help you implement AI strategies to keep your business competitive.

BENDIX

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