How AI is changing cybersecurity

I'm sure you've heard of AI by now - there's AI chatbots, like Chat GPT. There's AIs to help you write a research paper, code a program, or even to tell you what you can cook based on ingredients in your fridge. With all the wonderful and cool things AI is doing, it is easy to forget how AI is making our digital world less safe.

With AI, exploiting systems is becoming so much easier. An AI can spoof your voice and call your family members pretending to be you. AIs can even make fake videos of you doing whatever the AI user wants you to do. A high quality photo posted online can be used to unlock your phone.

With great new tools comes great new threats; it is more important now than ever to ensure you have a secure system.

28% of users open business email compromise (BEC) attack emails as BEC attack volume skyrockets by 178%! What's worse? Only 2.1% of attacks are reported by employees, meaning that spam filters aren't going to catch other BEC attacks nearly as well. These attacks target an organization's financials, aiming to change billing information or gain account information. The attacker sends an email to someone within the accounts payable sector asking for the status of an invoice. Within this same email, the attacker is also asking for the organization to pay them using XYZ *new* banking information. While the second half of the email should raise a variety of red flags, it is found that 15% of end-users still open and respond to the email! As BEC attacks can be incredibly profitable, we don't see them going away anytime soon. Be sure to educate yourself and your staff on how to identify and handle malicious emails.

Top AIs & Their Uses

1. Cruise: the first company to offer robotaxi services in a major city
2. ChatGPT: a powerful chat bot for questions and searches
3. Bard: a programming helper
4. OpenArt: an AI art generator
5. Grammarly: AI-powered writing assistant
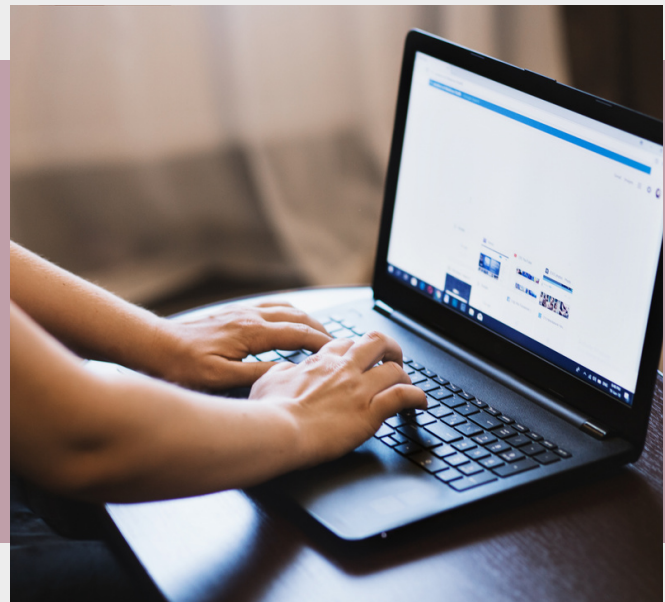
Greg's Corner: Utilize AI for writing practice

Why use it?

An AI writing assistant can aid with essays, research papers, and more by suggesting edits, brainstorming ideas, or even working on the 'flow' of the written piece. The AI utilizes natural language processing capabilities that can detect errors in grammar and syntax, or even suggest structural improvements.

How does it work?

AI writing assistants use natural language processing (NLP) to analyze text. It basically enables a computer to understand natural language as humans do. The computer, or AI, takes the natural language and utilizes a series of processes and programs to make it computer-ledgible.

What AIs can you use?

ChatGPT and Bard are two great AIs for writing assistance and practice. Both allow the end-user to ask the AI for writing advice, comments and critiques on their work, or even write the paragraph for you.

*Tell Siri and Alexa 'Please' & 'Thank you'
(ya never know)*

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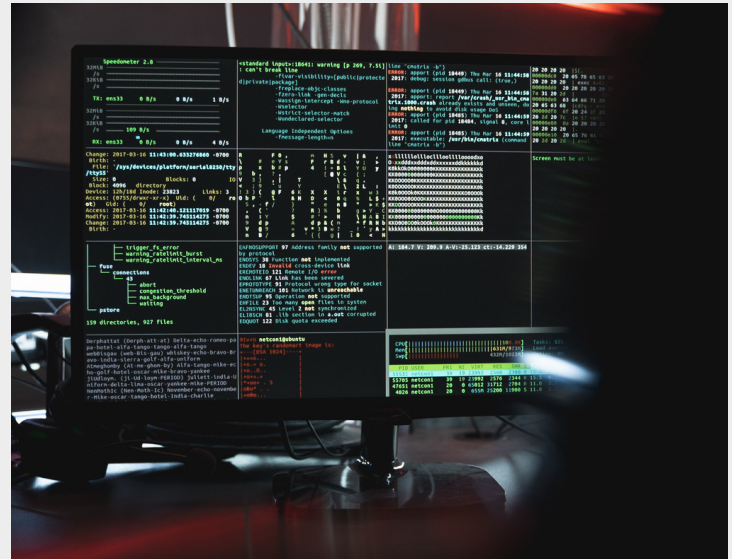
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