



ASI TECHNOLOGY TRAINING CLASS

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In today's technology world we as consumers cannot depend on businesses or government to protect our personal data. Today, I will discuss ways to help protect your devices and data.

Today's Agenda



- New PC & Internet Security
- Software Protection Security
- Email Security
- Smartphone Security
- Artificial Intelligence (AI)

New PC & Internet SECURITY



Passwords –

- We hate them and they are a pain in the ****.
- New Technology is here to replace Passwords.
- **Passkeys** are a form of **passwordless authentication technology** that aims to replace traditional passwords.

SECURITY cont'd

Passkeys



In 2012 the FIDO Alliance (Fast Identity Online) was founded to work jointly on a passwordless authentication protocol. Technology companies including Apple, Google, Amazon, Microsoft and many more developed this new security standard.

SECURITY cont'd

What are Passkeys?



- Unique Digital Keys
- Passwordless Login
- Stored Securely and encrypted

SECURITY cont'd

Passkeys



“Passkey access uses two unique keys, known as a cryptographic key pair. One key is stored safely on your device, guarded by your biometrics or PIN. The other key stays with the app or website for which you create the passkey. You need both parts of the key pair to sign in, just as you need both your key and the bank's key to get into your safety deposit box.”

SECURITY cont'd

Why Use Passkeys?



- Improved Security
- Ease of Use
- Protection from Data Breaches

SECURITY cont'd

Where can you use Passkeys?



- Google
- Amazon
- Microsoft
- Apple
- CVS
- Best Buy

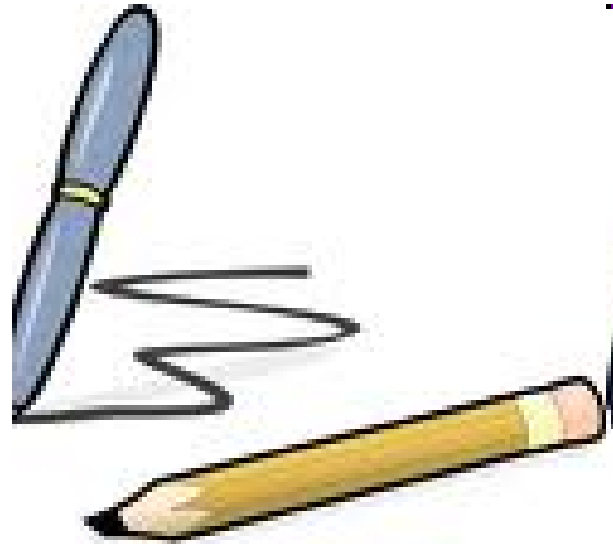
SECURITY cont'd



In summary passkeys offer a more secure and convenient way to access your accounts without relying on traditional passwords.

Companies are beginning to adopt this new technology.

Questions and Answers



SOFTWARE PROTECTION

- Keep it up-to-date
- Mac users Not immune
 - Anti-Virus – Anti-Spyware
 - Phishing/Spam
 - Ransomware



Available for Phone & Tablet

EMAIL SECURITY



- Unsolicited Emails
- Emails with Links
- Security Alerts / Scams
- Do NOT Unsubscribe or Delete
- Move to Spam folder

EMAIL SECURITY cont'd

Amazon Support <Hello@Sunnywines.com>

(Your Account has been Locked)

Wells Fargo Online <dittman4@cox.net>

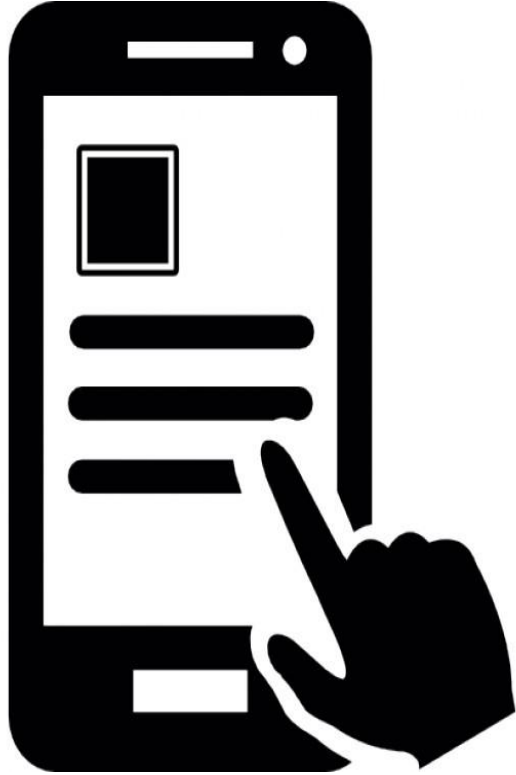
(Your account has been compromised)

Xfinity <online.communications@alerts.comcast.net>

(Thanks for your payment)



SMARTPHONE SECURITY



- Set Phone to Lock & Login
- Unsolicited Phone Calls
- Alerts & Scams
- Use Spam Call Blocking Apps

Artificial Intelligence



- What is it?
- How it works
- Applications of AI
- Concerns and Future Outlook
- Video

Artificial Intelligence cont.

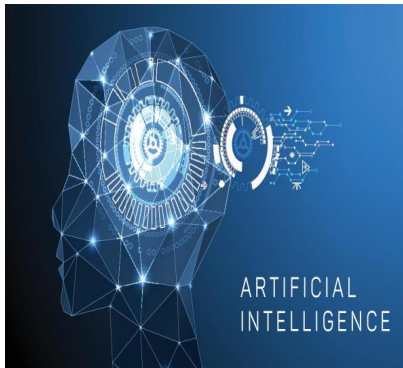


- **What is it?**

AI is a field of computer science that focuses on creating intelligent machines capable of performing tasks that traditionally required human intelligence.

Artificial Intelligence cont.

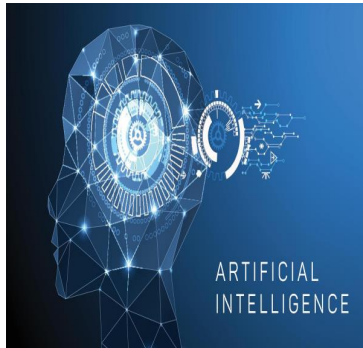
- **How It Works**



- **Learning:** AI systems learn from large datasets. They identify patterns and relationships within the data to make predictions or perform tasks.
- **Problem Solving:** AI can solve problems almost like a person. For example, it can engage in human-like conversations or predict products an online shopper might buy.
- **Examples:** Voice-controlled virtual assistants like Siri and Alexa, recommendation algorithms used by Facebook and Twitter, and Amazon's personalized product recommendations all rely on AI.

Artificial Intelligence cont.

- Applications of AI

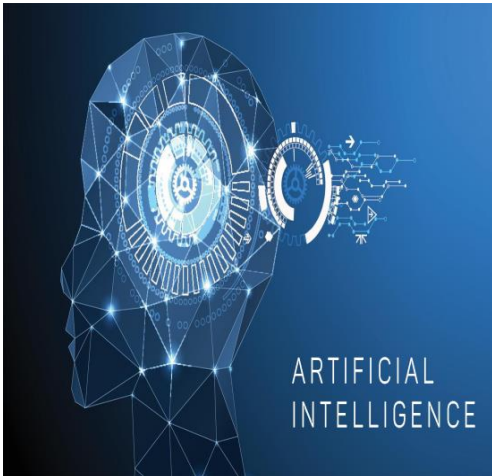


- **Computer Vision:** AI can recognize objects, faces, and scenes in images and videos.
- **Recommendation Systems:** AI suggests products, movies, or music based on user preferences.
- **Healthcare:** AI aids in medical diagnosis, drug discovery, and personalized treatment.
- **Autonomous Vehicles:** AI enables self-driving cars to navigate and make decisions.
- **Finance:** AI predicts stock market trends and detects fraudulent transactions.
- **Entertainment:** AI generates art, music, and even writes stories.
- **Ethical Considerations:** Experts discuss safety, bias, and potential misuse of AI.

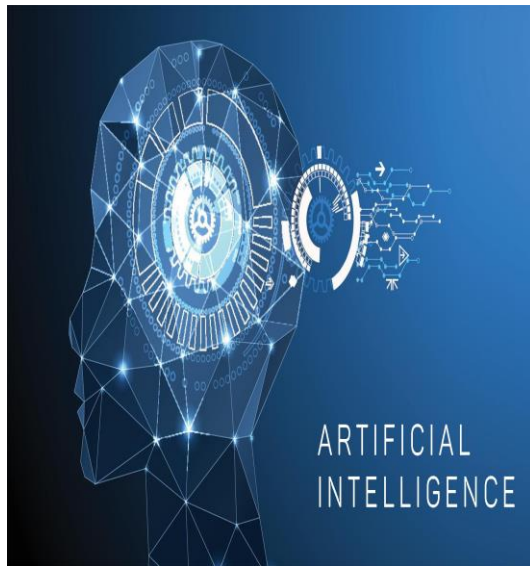
Artificial Intelligence cont.

- Concerns and Future Outlook

- Some experts worry about the rapid growth of AI and its potential dangers.
- Concerns include cyberattacks, misuse by hackers, and the fear that super-intelligent AIs could threaten humanity.
- Balancing innovation with safety remains a critical challenge in AI development.
- Watch Video...

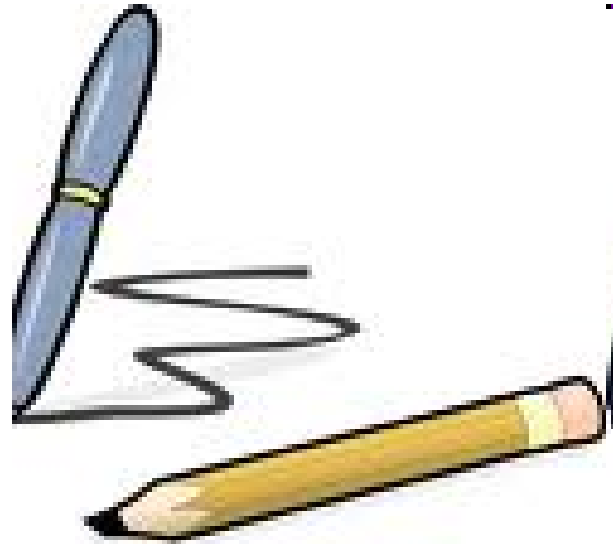


Artificial Intelligence cont.



In summary, AI is a powerful tool with diverse applications, but responsible development and ethical considerations are essential to harness its potential for good.

Questions and Answers



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