

# SAFETY CONSIDERATIONS WHENUSINGAI

# Who Uses Al Today?



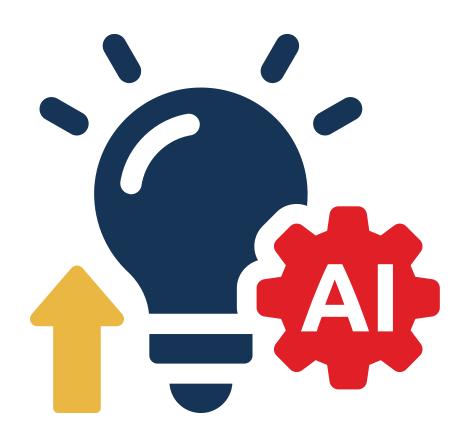
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# Overview Of Al

Al refers to the simulation of human intelligence in machines that are programmed to think and learn.



# Examples **Of AI**In Everyday Life



#### **Virtual Assistance**

Siri & Alexa

#### **Recommendations** Systems

Netflix & Amazon

#### Al In Healthcare

Diagnostic Tool & Personalized Treatment Plans

#### **Al In Finance**

Fraud Detection & Credit Scoring

#### **Virtual Meeting Assistants**

Zoom & MS Teams

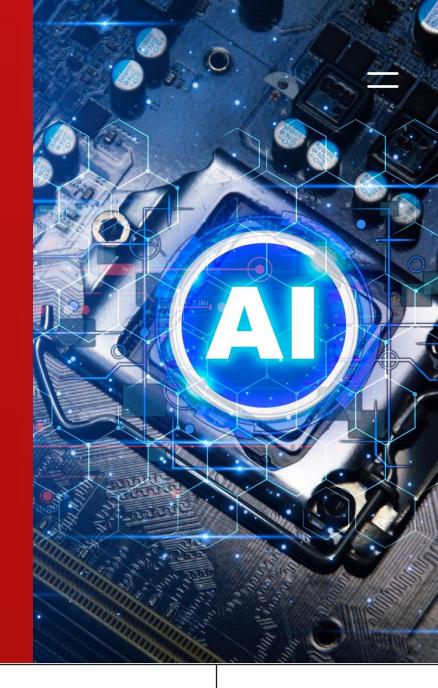
# Other **Acronyms**







# Understanding Al Safety



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## Why Does Al **Safety Matter**

#### **Potential benefits of AI:**

- Efficiency
- Accuracy
- Ability to handle large datasets

### Why Does Al **Safety Matters**

Risks and challenges associated with Al: Compliance and legal adherence, trust and transparency, data protection, privacy concerns, job displacement, and ethical dilemmas.



#### **Ethical Considerations**

**Importance of ethical AI:** 

Ensuring AI benefits all and does not harm



Bias in Al algorithms affecting hiring processes

Privacy issues with facial recognition technology

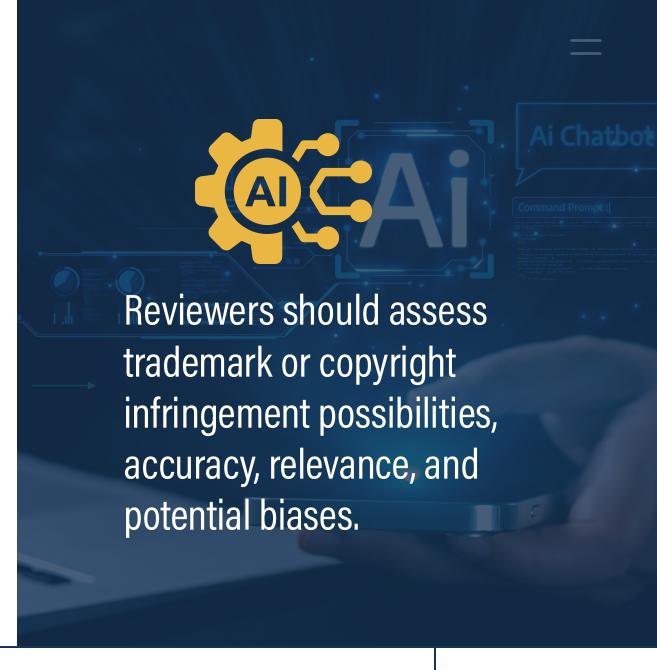
# Key Safety Considerations



#### Content **Generation**



As an Al user, you are required to review all Al-generated content before dissemination.



### Data Privacy & Security

You can only input publicly available data into AI tools.



The organization's confidential or sensitive data should NEVER be input into AI tools.



Educate yourself on safe data sharing practices & reach out to your IT or UMC Support for help.



As needed, implement encryption, access controls, and anonymization techniques.

#### Bias & Fairness

#### As an Al user



You need to ensure that the Al models you are using are trained on diverse and representative data.



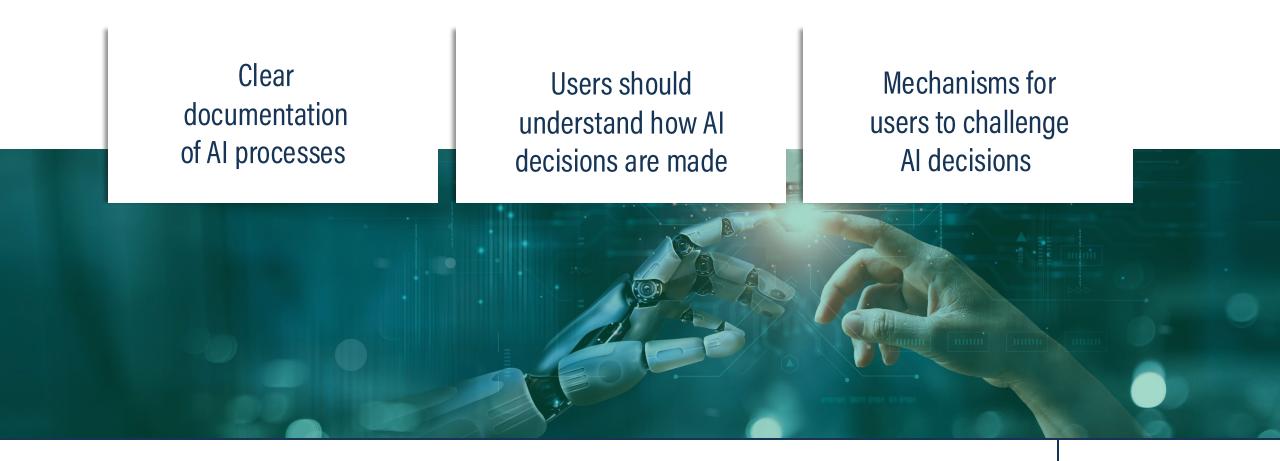
You will regularly monitor and address any biases that emerge during Al



You will educate yourself about potential biases and limitations

### Transparency & Accountability

#### **Ensuring accountability in AI decision-making:**



## Transparency & Accountability Cont.

#### As an Al user, you are responsible for:

Clearly communicating when AI systems are in use.

Provide explanations for Al-generated decisions where feasible.

Maintaining an audit trail of your Al activities.

# Implementing Safe Al Practices

#### **Guidelines for safe AI implementation**

- Leverage <u>GCFA Artificial Intelligence</u>
   <u>Usage Rules Template</u>
- Adherence to ethical guidelines
- Regular monitoring and evaluation of Al systems



#### **Role of administrators in ensuring AI safety:**

Contract reviews of Al tools/products to understand how data is used

#### **Setting policies for AI use**

 Providing training and resources for staff

# Best Practices For Ethical Al Use



#### General Guidelines



Ensure transparency in Al operations



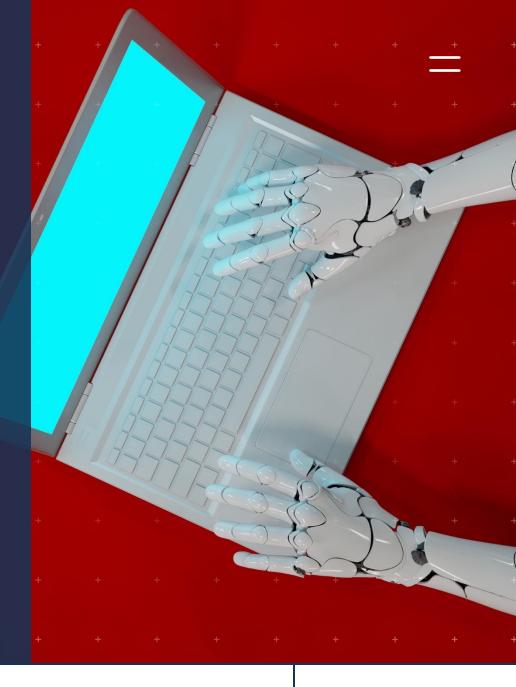
Regularly audit Al systems for bias and fairness



Protect user data with robust security measures

# Specific Rules For Organizations

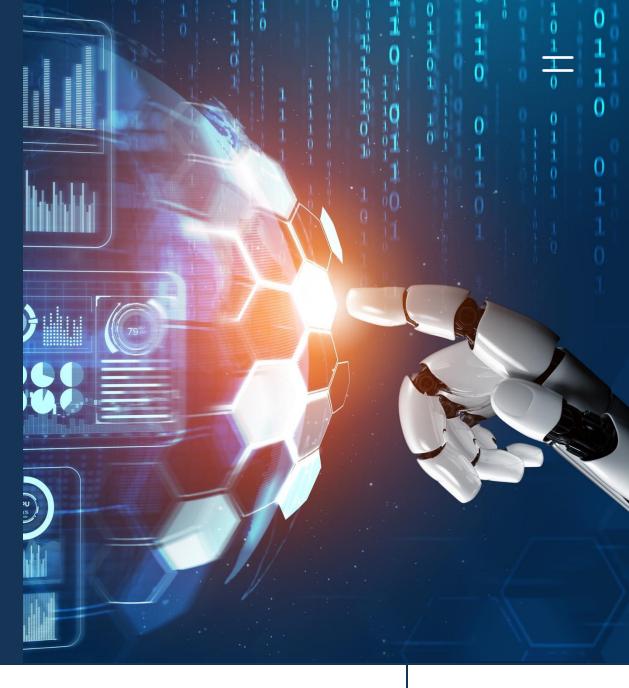
- Develop and enforce an Al ethics policy
- Provide training on AI safety for all employees
  - Establish a clear process for reporting and addressing
     Al-related issues



## Promote Inclusivity

Involve diverse teams in Al development

Ensure AI systems are accessible to all users





### Continuous Improvement



Regularly update AI systems based on feedback and new research



Stay informed about the latest developments in AI ethics and safety

# **Protecting Personal** Data With Meeting Recording Al Tools



#### Best Practices For Data Protection

- Select Secure Al Tools
- 。 Limit Access
- Educate Participants
- Monitor Activity
- Update Software

# Questions?



QUADRENNIAL TRAINING

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# Thank You!

- Email: <a href="mailto:bbivens@gcfa.org">bbivens@gcfa.org</a>
- 9 1908 Grand Ave. Nashville, TN 37212
- www.UMCSupport.org





