How to Use Free AI Tools

UWF Florida Cybersecurity Training Program
Offered by the University of West Florida Center for Cybersecurity

Course Overview

Cyber Skills Exercise Date: July 10, 2024

Cyber Skills Exercise Times: 8 am – 4 pm CT with a break from 11:30 am – 12:30 pm CT

(9 am – 5 pm ET with a break from 12:30 – 1:30 pm ET)

Duration: 1 day

Estimated Time Commitment: 7 hours

Instructional Hours: 7 contact hours

Delivery Format: Synchronous online (Meeting via Zoom)

Target Audience: IT or Cybersecurity practitioners, managers, and executives

Required Prerequisites / Background: Learners should have basic familiarity with computers.

CEUs: 0.7, **CPEs:** 9

Course Instructor:

Instructor	Email
Mrs. Connar McCasland	cmoore4@uwf.edu
Dr. Elizabeth Rasnick	erasnick@uwf.edu

Course Description

This course will provide an overview of free and open-source artificial intelligence (AI) tools that can be leveraged by cybersecurity professionals to enhance and evaluate their security posture. The course will cover the principles behind how these AI tools work, their strengths and limitations, and practical guidance on integrating them into existing cybersecurity workflows. Students will have the opportunity to experiment with several open-source AI tools through hands-on labs and exercises.

By the end of this course, participants will be able to identify free AI-powered tools relevant to common cybersecurity use cases and evaluate the advantages and tradeoffs of leveraging AI for security operations.

This course uses a combination of lectures, discussions, and exercises in a synchronous (live online instruction) environment via Zoom.

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