Exploring the OWASP Top Ten for AI

Price: 1995

Duration:

Delivery Methods: Virtual

Overview

OWASP 2021 refers to the latest edition of the Open Web Application Security Project (OWASP) Top Ten list, which identifies the most critical web application security risks. It is a valuable resource as it provides organizations with insights into prevalent vulnerabilities, helping them prioritize their security efforts and fortify their applications against potential attacks. Applying AI to the OWASP Top Ten is a two-day, expert led course geared for technical students eager to explore AI's potency in mitigating cybersecurity threats. This course unravels the intersection of AI, cybersecurity, and ethical considerations with a focus on the OWASP top ten. The curriculum provides a detailed exploration of OWASP's top ten security risks, illustrating how AI can be effectively applied to detect and mitigate these common threats, such as Injection and Broken Authentication. Through engaging discussions, interactive activities, and case study reviews, attendees will delve into the practical application of sophisticated AI algorithms to counter prevalent OWASP risks. The course encompasses an array of OWASP-related topics including how to leverage AI to manage risks associated with Insufficient Logging & Monitoring and Using Components with Known Vulnerabilities, as well as how to prevent Cross-Site Scripting (XSS) and Insecure Deserialization through the power of AI. Emphasizing the importance of testing, validating, and fine-tuning AI models, the course provides a comprehensive understanding of these tools' robustness and effectiveness in addressing OWASP risks. Integrating technical skills with ethical considerations, attendees will learn about designing and implementing AI models that adhere to ethical standards while effectively detecting and mitigating OWASP risks. You'll exit the course with a solid grasp of the crucial role AI plays in tackling OWASP's most prominent security risks, equipped to help bolster your organization's defense against cyber threats. You'll have an understanding of how to leverage AI for cybersecurity and how to create AI models to combat common vulnerabilities outlined by the OWASP Top Ten. Whether the goal is to strengthen an organization's security

framework or to broaden personal understanding of AI and cybersecurity, this course offers the critical expertise needed to begin your journey into navigating the intricate realm of AI-enhanced cybersecurity.

Course Schedule

Date	Time	Price	Options

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