Mindluster Platform

About the course AI techniques for Cybersecurity

AI techniques for Cybersecurity course, in this course delving into cutting-edge strategies to safeguard digital systems. In this course, we will explore advanced methods leveraging Artificial Intelligence (AI) to fortify cybersecurity measures. Covering topics such as anomaly detection, threat classification, malware analysis, and automatic rule generation, you'll gain insights into how AI augments security protocols. Additionally, we'll delve into identity management, vulnerability assessment, and incident response, utilizing AI-driven approaches to enhance defense mechanisms. Through practical examples and case studies, you'll grasp the significance of integrating AI techniques into cybersecurity frameworks to combat evolving threats effectively.

Computer Science Category's Courses

Course Lesson(32)

Lesson 1 : **Fight Insider Threats with AI infused SIEM**

Lesson 2 : **What is Malware Let s Hear the Hacker s Viewpoint**

Lesson 3 : **EDR vs EPP vs NGAV**

Lesson 4 : **IBM Security X Force Threat Intelligence Index Trends 2023**

Lesson 5 : **What is Endpoint Detection and Response EDR**

Lesson 6 : **What is ASM Attack Surface Management**

Lesson 7 : **Tech Talk What is Public Key Infrastructure PKI**

Lesson 8 : **SIEM or XDR**

Lesson 9 : **What is a Risk Analytics Center and How Can it Prevent a Security Breach**

Lesson 10 : **Using Tanium Comply in the IBM Cloud Security and Compliance Center**

Lesson 11 : **Intro to IBM Cloud Security and Compliance Center**

Lesson 12 : **Cybersecurity and Zero Trust**

Lesson 13 : **What is CSPM Cloud Security Posture Management**

Lesson 14 : **Zero Trust Explained in 4 mins**

Lesson 15 : **What is Ransomware**

Lesson 16 : **No code change approach to confidential computing**

Lesson 17 : **Data Security and Protection with Zero Trust**

Lesson 18 : **Quantum Computing impact on Cryptography**

Lesson 19 : **Artificial Intelligence for smarter Cybersecurity**

Lesson 20 : **Intro to IBM Cloud Data Shield**

Lesson 21 : **Intro to IBM Cloud Hyper Protect Services**

Lesson 22 : **What is Confidential Computing**

Lesson 23 : **Container Security Explained**

Lesson 24 : **What is Secrets Management**

Lesson 25 : **Data protection and compliance with IBM Cloud**

Lesson 26 : **What is Cloud Security**

Lesson 27 : **What is DevSecOps**

Lesson 28 : **What is edge computing**

Lesson 29 : **What is a DDoS Attack**

Lesson 30 : **Blockchain Explained**

Lesson 31 : **NAT and Firewall Explained**

Lesson 32 : **Observability Explained with LogDNA**

Related courses

Linear Algebra for Computer Scientists

Insertion Sort

Bubble Sort

GCSE Computer Science

Random Access Memory

Binary Trees

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