

CYBER SECURITY ARTIFICIAL INTELLIGENCE STRATEGIST (CSAI) HRDC Code: 10001351673

COURSE OVERVIEW

As the world becomes increasingly digitized, the need for effective cyber security measures has become more urgent than ever. Cyber threats can cause significant damage to individuals, businesses, and even entire nations, making it essential for organizations to have a robust cyber security strategy in place. Artificial intelligence (AI) is increasingly being used to strengthen cyber security measures by detecting and preventing cyber-attacks in real-time.

TRAINING DETAILS

- **Type of Training:** Non-e-learning
- **Duration:** 4 days
- **Total Training Hours:** 32 hours
- **Minimum Training Qualification:**
Suitable for anyone who does not have any prior technological experience.

CERTIFICATION

Upon course completion, participants will receive a "**Certificate of Competency**"

WHO SHOULD ATTEND

Cyber Security Professionals, Business Leaders, Artificial Intelligence (AI) Professionals, IT Professionals, Business Professionals, Computer Scientists, Programmers, and Anyone interested in pursuing a career in the areas of Cyber Security, Data Analytics, and Artificial Intelligence (AI)

TARGETED INDUSTRY

Suitable for all industry

LEARNING OUTCOME

Acquire advanced knowledge and skills in cyber security and artificial intelligence and address the various types of cyber threats using Artificial Intelligence (AI). Learn how to use Python and its extensive libraries and develop data analysis and machine learning skills to detect anomalies and identify potential threats.

TRAINING METHOD

Involves rigorous hands-on / practical exercises, usage of real-time case studies, role playing and group discussion

COURSE MODULES

- **Module 1:** Introduction to Cyber Security Artificial Intelligence
- **Module 2:** Python Programming for Cyber Security Professionals
- **Module 3:** Application of Machine Learning in Cyber Security
- **Module 4:** Detection of Email Threats with Artificial Intelligence (AI)
- **Module 5:** Malware Threat Detection
- **Module 6:** Network Anomaly Detection
- **Module 7:** User Authentication Security with Artificial Intelligence
- **Module 8:** Generative Adversarial Network (GAN) for Cyber Security
- **Module 9:** Penetration Testing with Artificial Intelligence (AI)

EXAMINATION

Participants are required to attempt an examination upon completion of the course. This exam tests a candidate's knowledge and skills related to Cyber Security, Artificial Intelligence, and Data Analytics based on the syllabus covered. Participants are expected to score a minimum of 70% to pass the examination

FEES

RM 4,600 / pax : 4 days
Inclusive of training materials and refreshment



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