

M3 Analytical Tools

Part of the CyberAgent Training Programme, more info at CyberAgent.eu

OBJECTIVES

- Apply metrics and analytics to protect assets.
- Use analytics to identify risks and improve security.
- Evaluate, mitigate, and report security threats effectively.

CHARACTERISTICS

Languages

Available in English, Finnish, Turkish, Norwegian, Lithuanian, Romanian, French, Polish, Spanish.

Duration & Workload

Live Training: 27 hours

Individual study: 53 hours



**FULLY ONLINE
OR BLENDED**



**3 ECTS
CREDITS**

WHAT YOU WILL LEARN



At the end of this module, participants will be able to identify cyber risks and take precautions using performance metrics, data analytics and security intelligence, strengthen security measures in a data-driven manner and report threats through the right channels.

TRAINING CONTENT



1

Performance measurements (metrics)

Understand key performance metrics; Monitor systems and networks effectively; Track and analyze performance metrics; Create and interpret network maps; Conduct vulnerability scanning; Analyze network traffic for security insights.

2

Data analytics

Understand data collection and preprocessing; Perform data cleaning and analysis; Apply analytical tools effectively; Explore data analytics applications in cybersecurity.

3

Security intelligence

Understand the concept of security intelligence; Identify sources and methods for collecting threat intelligence; Explore threat intelligence frameworks; Analyze case studies on security intelligence applications.

Assessment

Self-assessment: 45%

Final knowledge test: 55%

POWERED BY

