



ONLINE & REGIONAL COURSE

CONCEPTUAL OVERVIEW OF MACHINE LEARNING

Understand machine learning algorithms and apply them to security problems.

COURSE DETAILS

COURSE LEVEL
MICRO

COURSE LENGTH
2-4 HOURS

MINIMUM CLASS SIZE
10 STUDENTS / BASE

COURSE PLATFORM
ONLINE & REGIONAL

COURSE OVERVIEW

Machine Learning (ML) is rapidly becoming one of the most valuable tools in a cyber warrior's toolkit. However, it can be difficult to start in ML or apply it to security problems. This workshop offers a math-free overview of machine learning algorithms as well as their application to security problems. Additionally we will present several use cases of machine learning as applied to security problems.



THE FINE PRINT

Course Size Requirements

The Base level includes 10 students. Level up to unlimited students for \$1,000 more. Head count must be locked in at the time of contract.

US Travel / Incidental Cost

// Virtual courses do not incur travel/incidental costs.

Course Format

// GTK typically uses Google Meets for virtual courses, but can use any service with advanced notice.

BY THE END OF THIS MODULE, YOU'LL BE ABLE TO:

- Understand the difference between supervised and unsupervised learning
- Understand the different problem types that are well suited to machine learning
- Have a conceptual understanding of several machine learning algorithms including K-NN, Random Forests and DBSCAN
- Understand the overall process for building and deploying a machine learning model

For more information, or to register for this course, please contact us at INFO@GTKCYBER.COM, or 855-GTK-CYBER

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