

Machine Learning & Cybersecurity

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CYBERSECURITY AND ARTIFICIAL INTELLIGENCE

- *“AI is quickly transforming American life and American business, improving how we diagnose and treat illnesses, grow our food, manufacture and deliver new products, manage our finances, power our homes, and travel from point A to point B.”*
- *“Current AI has significant applications in the field of cybersecurity and is expected to play an increasingly important role in both defensive and offensive cyber measures.”*

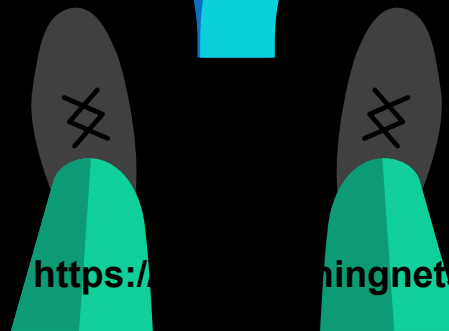
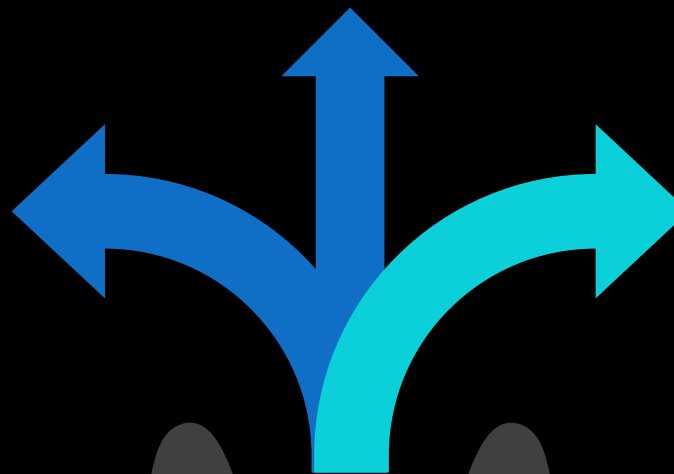
<https://trumpwhitehouse.archives.gov/wp-content/uploads/2018/05/Summary-Report-of-White-House-AI-Summit.pdf>

CYBERSECURITY AND ARTIFICIAL INTELLIGENCE

Use of Artificial Intelligence to
enhance existing defense
techniques

Use of Artificial Intelligence
to enhance existing attack
techniques

Security of AI-based
systems



<https://www.ningnet.com>

ARTIFICIAL INTELLIGENCE AND DEFENSIVE SECURITY



Machine Learning y Data Science: Curso Completo con Python
Aprende **Machine Learning** y Data Science con Python, ¡conviértete en un experto en **Machine Learning** con Python!
Santiago Hernández
4,7 ★★★★★ (2618)
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shramos / practical-ml-for-cybersecurity

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shramos Añadida instalación keras-metrics a271c76 on 22 May 2020 🕒 6 commits

img	Added colab img	10 months ago
10_Evaluación de resultados.ipynb	Commit inicial de los ejercicios	10 months ago
11_Support Vector Machine - Detecci...	Commit inicial de los ejercicios	10 months ago
12_Árboles de decisión - Detección d...	Commit inicial de los ejercicios	10 months ago

ARTIFICIAL INTELLIGENCE AND OFFENSIVE SECURITY



<https://arxiv.org/ftp/arxiv/papers/1802/1802.07228.pdf>