

COUNTERFIT







Will Pearce Red Team Lead, Azure Trustworthy Machine Learning

Attack machine learning systems

With @drhyrum, @ramk, @rdheeko, and @nmspinach

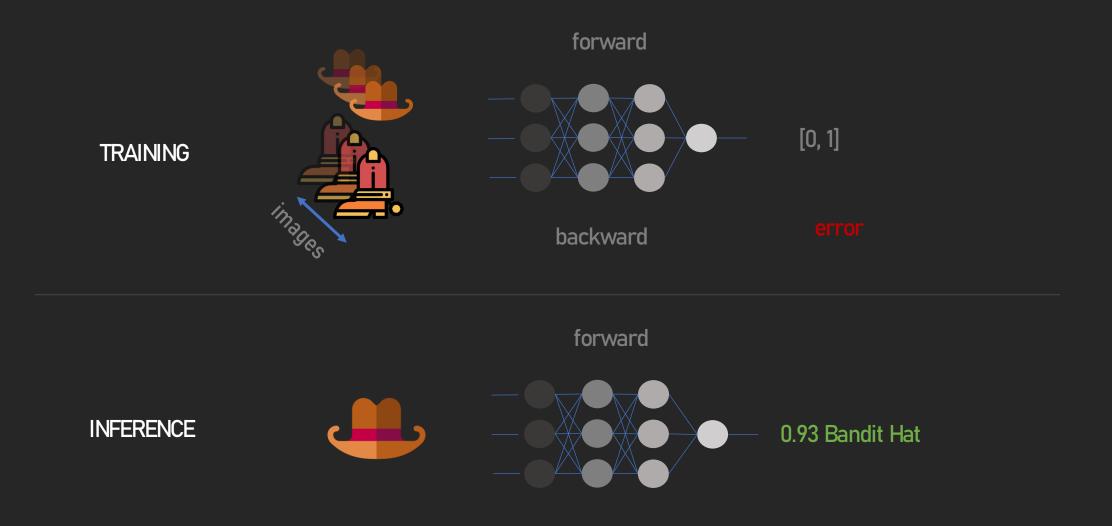


COUNTERFIT

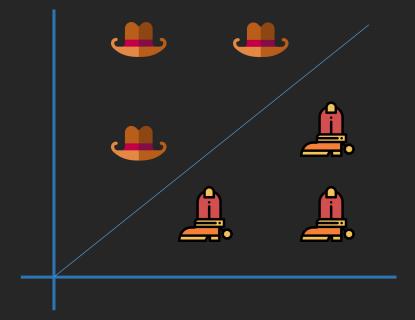
A generic automation framework for executing attacks on Al systems



ML Training vs Inference

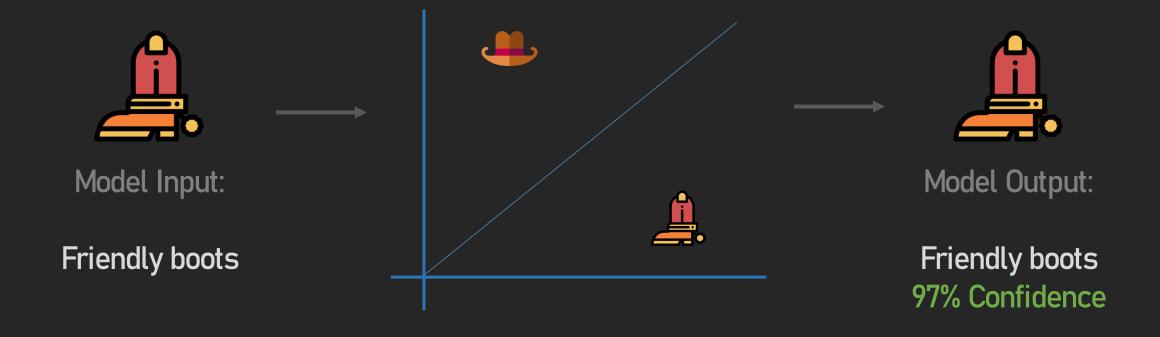


Decision Boundaries

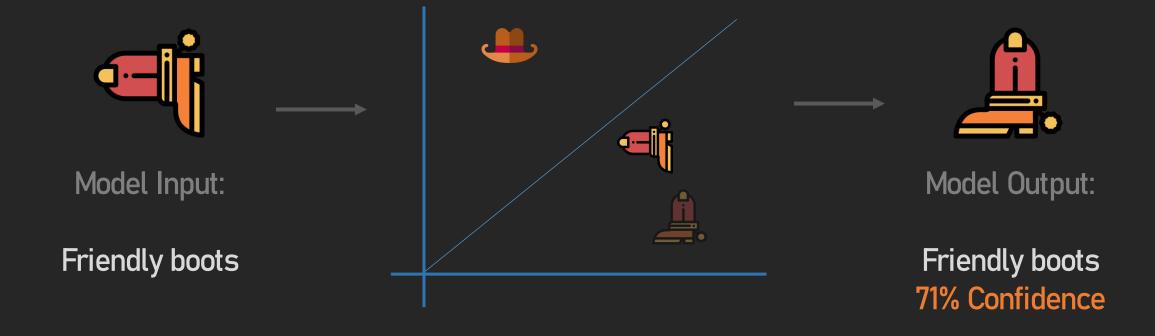


Evasion Attack

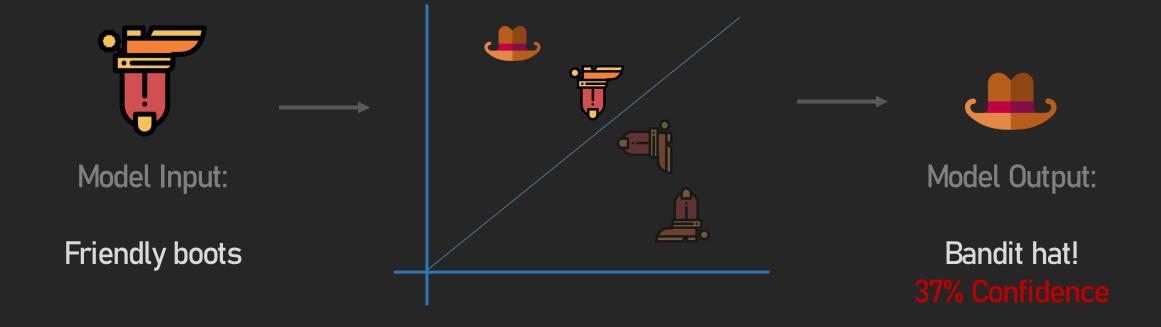
Brendel et al, 2018



Evasion Attack



Evasion Attack





Bandit!

Demos!

INTO THE SUNSET...

VirusTotal Instructions
VirusTotal Target

Bypass AMSI

Join the AlVillage discord!

@aivillage_dc

Join #DeepThought in Bloodhound slack

SOURCES

Boundary Attack

https://arxiv.org/abs/1712.04248

This PowerPoint was designed with resources from FlatIcon.com

