

(O) CONVOLUTED LAYERS: AN ARTIFICIAL INTELLIGENCE (AI) PRIMER

(O) Rapid advances in AI, along with public releases of AI products, have prompted governments, businesses and criminals to accelerate efforts to incorporate this new technology into their operations. These actors are looking to capitalise on the advances in a particular type of AI known as deep learning neural networks - such as ChatGPT. Take up of AI by businesses, governments and malicious actors will enhance existing cyber threats and enable new threat vectors. While it will also be used to enhance cyber security, those same systems will themselves become targets of cyber threats.

(O) This placemat provides definitions for some of the most commonly encountered AI terms in cyber security and a brief typology of cyber threats that will arise from AI.

