

LLM AI Security & Governance Checklist

From the OWASP Top 10 for LLM Applications Team

Revision History

Revision	Date	Author(s)	Description
0.1	2023-11-01	Sandy Dunn	initial draft
0.5	2023-12-05	Sandy Dunn, OWASP LLM Apps Team	public draft

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Overview

Every internet user and business should prepare for the impact of a surge in powerful generative artificial intelligence (GenAI) applications. GenAI holds enormous promise and opportunities for discovery, efficiency, and driving corporate growth across many industries and disciplines. However, as with any strong new technology, it introduces new challenges to security and privacy.

Artificial Intelligence, Machine Learning, Large Language Models, and Diffusion Models have been in development and the focus of academic research for many years. Recent improvements in training data availability, computer power, GenAl capacity, and the release of solutions such as ChatGPT, ElevenLabs, Midjourney, along with their broader availability outside of what previously was a relatively isolated and specialized field, have led to its eruptive growth. These advances in artificial intelligence (AI) emphasize the importance of organizations developing plans to manage their engagement and use of AI within their organization.

- Artificial intelligence is a broad term that encompasses all fields of computer science that
 enable machines to accomplish tasks that would normally require human intelligence. Machine
 learning and generative AI are two subcategories of AI.
- **Machine learning** is a subset of AI that focuses on creating algorithms that can learn from data. Machine learning algorithms are trained on a set of data, and then they can use that data to make predictions or decisions about new data.
- **Generative AI** is a type of machine learning that focuses on creating new data. Often, GenAI relies on the use of large language models to perform the tasks needed to create the new data.
- A large language model (LLM) is a type of AI program that uses machine learning to perform natural language processing (NLP) tasks. LLMs are trained on large data sets to understand, summarize, generate, and predict new content.

The diagram below shows the relationship of LLM to the field of AI generally:

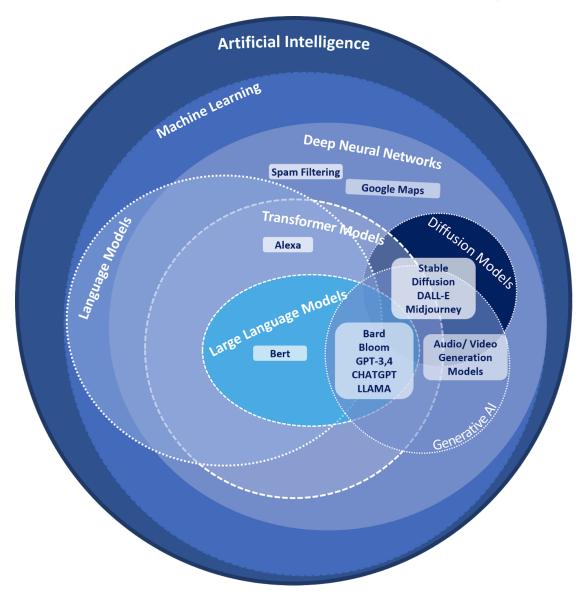


Figure 1.1: Image of LLM relationship within the field of Artificial Intelligence

Organizations will face new challenges defending and managing GenAl solutions. Additionally, there is significant potential for accelerated threats from threat actors who will use GenAl to augment attack techniques.

Many applications within a business employ artificial intelligence applications, such as human resource hiring, SPAM detection for email, behavioral analytics for SIEM, and MDR apps. The primary focus of this document is on Large Language Model applications, which can produce content.

Responsible and Trustworthy Artificial Intelligence

As challenges and benefits of Artificial Intelligence emerge - and regulations and laws are passed - the principles and pillars of responsible and trustworthy AI usage are evolving from idealistic objects and concerns to established standards.

The OWASP AI Security and Privacy Guide working group is monitoring these changes and addressing the broader and more challenging considerations for all aspects of artificial intelligence.

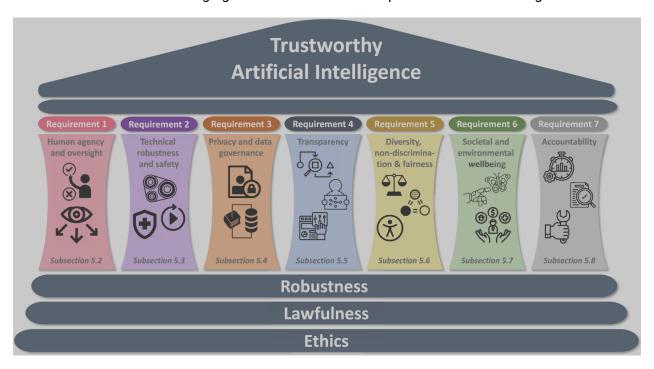


Figure 1.2: Image credit Montreal AI Ethics Institute

Who is This For?

Executive, technology, cybersecurity, privacy, compliance, and legal leaders must pay close attention to the fast GenAl technological transformation and devise a strategy to benefit from opportunities while fighting against threats and managing risks.

This checklist is designed to assist these technology and business leaders in quickly understanding the risks and benefits of using LLM, allowing them to focus on developing a comprehensive list of essential areas and tasks required to defend and protect the organization as they create a Large Language Model strategy.

Scenarios presented here include those that pertain to internal use of models released commercially or those that are open sourced, as well as scenarios for organizations that consume LLM services provided by third-parties. Resources from MITRE Engenuity, OWASP, and others are referenced.

The diagram below shows how these resources can be used to create a threat informed defense strategy.



Figure 1.3: Image of integrating LLM Security with OWASP and MITRE resources

It is the hope of the OWASP Top 10 for LLM Applications team that this list will help organizations improve their existing defensive techniques and develop techniques to address the new threats that come from using this exciting technology.

Why a Checklist?

Checklists can help with strategy development by ensuring thoroughness, clarifying goals, fostering consistency, and allowing for focused, deliberate effort, all of which may result in fewer oversights. Following the list can build confidence in a path to secure adoption while sparking ideas for future business cases moving forward. It's a very forward and very practical way to achieve continuous improvement.

Not Comprehensive While this document is intended to support organizations in developing an initial LLM strategy in a rapidly changing technical, legal, and regulatory environment, it does not cover every use case or obligation. Organizations should extend assessments and practices beyond the scope of the provided checklist as required for their use case or jurisdiction.

Large Language Model Challenges

Large Language models face a number of serious and unique issues. One of the most important is that while working with LLMs, the control and data planes cannot be strictly isolated or separable. Another significant challenge is that LLMs are nondeterministic by design, yielding a different outcome when prompted or requested. It is not always a challenge, but LLMs employ semantic search rather than keyword search. The key distinction between the two is that the model's algorithm prioritizes the terms in its response. This is a significant departure from how consumers have traditionally used technology, and it has an impact on the consistency and reliability of the findings. Hallucinations, emerging from the gaps and training flaws in the data the model is trained on, are the result of this method.

There are methods to improve reliability and reduce the attack surface for jailbreaking, model tricking, and hallucinations, but there is a trade-off between restrictions and utility in both cost and functionality.

LLM use and applications increase an organization's attack surface. Some risks associated with LLMs are unique, but many are familiar issues, such as the known software bill of materials (SBOM), supply chain, data loss protection (DLP), and authorized access. There are also increased risks not directly related to GenAl, but GenAl increases the efficiency, capability, and effectiveness of attacks.

Adversaries are increasingly harnessing LLM and Generative AI tools to refine and expedite traditional methods. These enhanced techniques allow them to effortlessly craft new malware, potentially embedded with novel zero-day vulnerabilities or designed to evade detection. They can also generate sophisticated, unique, or tailored phishing schemes. The creation of convincing deep fakes, whether video or audio, further facilitates their social engineering ploys. Additionally, these tools enable them to execute intrusions and develop innovative hacking utilities. It is very likely that in the future, more "tailored" and compound use of AI technology by criminal actors will demand specific responses and dedicated solutions for appropriate defense schemas.

LLM Threat Categories



Figure 2.1: Image of types of AI threats

Artificial Intelligence Security and Privacy Training

Employees throughout organizations benefit from training to understand artificial intelligence, generative artificial intelligence, and the future potential consequences of building, buying, or utilizing LLMs. Training for permissible use and security awareness should target all employees as well as be more specialized for certain positions such as human resources, legal, developers, data teams, and security teams.

Fair use policies and healthy interaction are key aspects that, if incorporated from the very start, will be a cornerstone to the success of future AI cybersecurity awareness campaigns. This will necessarily imply the user's knowledge of the basic rules for interaction as well as the ability to separate good behavior from bad or unethical behavior.

Incorporate LLM Security and governance with Existing, Established Practices and Controls

While AI and generated AI add a new dimension to cybersecurity, resilience, privacy, and meeting legal and regulatory requirements, the best practices that have been around for a long time are still the best way to find risks, test them, fix them, and lower them.

- The management of artificial intelligence systems is integrated with existing organizational practices.
- Apply existing privacy, governance, and security practices.

Fundamental Security Principles

LLM capabilities introduce a different type of attack and attack surface. LLMs are vulnerable to complex business logic bugs, such as prompt injection, insecure plugin design, and remote code execution. Existing best practices are the best way to solve these issues. An internal product security team that understands secure software review, architecture, data governance, and third-party assessments The cybersecurity team should also check how strong the current controls are to find problems that could be made worse by LLM, like voice cloning, impersonation, or getting around captchas.

Accounting for the specific skills and competences developed in the last few years around machine learning, NLP and NLU, deep Learning and lately, LLMs and GenAl, it is advised to have skilled professionals with practice, knowledge, or experience in these fields to side with security teams in adopting, at best, and even shaping new potential analyses and responses to those issues.

Risk

Reference to risk uses the ISO 31000 definition: Risk = "effect of uncertainty on objectives." LLM risks included in the checklist include a targeted list of LLM risks that address adversarial, safety, legal, regulatory, reputation, financial, and competitive risks.

Vulnerability and Mitigation Taxonomy

Established methods of vulnerability classification and threat sharing are in early development, such as Oval, STIX, threat sharing, and vulnerability classification. The checklist anticipates calibrating with existing, established, and accepted standards, such as CVE classification.

Determining LLM Strategy

The acceleration of LLM applications has raised the visibility of all artificial intelligence applications' organizational use. Recommendations for policy, governance, and accountability should be considered holistically.

The immediate LLM threats are the use of online tools, browser plugins, third-party applications, the extended attack surface, and ways attackers can leverage LLM tools to facilitate attacks.



Figure 3.1: Image of steps of LLM implementation

Deployment Strategy

The scopes range from leveraging public consumer applications to training proprietary models on private data. Factors like use case sensitivity, capabilities needed, and resources available help determine the right balance of convenience vs. control. But understanding these five model types provides a framework for evaluating options.

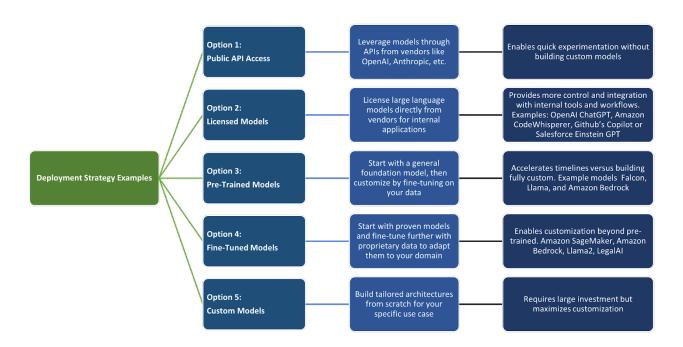


Figure 3.2: Image of options for deployment strategy

Check List

Adversarial Risk

Adversarial Risk includes competitors and attackers.

- ☐ Scrutinize how competitors are investing in artificial intel adoption, there are also business benefits that may imp
 ☐ Threat Model: how attackers may accelerate exploi
- ☐ Threat Model: how attackers may accelerate exploit employees, executives, or users.
- ☐ Threat models potential attacks on customers or clients
- □ Investigate the impact of current controls, such as recognition.
- ☐ Update the Incident Response Plan and playbooks for L

Al Asset Inventory

An AI asset inventory should apply to both internally developed and external or third-party solutions.

- ☐ Catalog existing AI services, tools, and owners. Designate a tag in asset management for specific inventory.
- □ Include AI components in the Software Bill of Material (SBOM), a comprehensive list of all the software components, dependencies, and metadata associated with applications.
- □ Catalog AI data sources and the sensitivity of the data (protected, confidential, public)
- ☐ Establish if pen testing or red teaming of deployed AI solutions is required to determine the current attack surface risk.
- ☐ Create an AI solution onboarding process.
- ☐ Ensure skilled IT admin staff is available either internally or externally, in accordance to the SBoM

AI Security and Privacy Training

- ☐ Train all users on ethics, responsibility, and legal issues such as warranty, license, and copyright.
- □ Update security awareness training to include GenAl related threats. Voice cloning and image cloning, as well as in anticipation of increased spear phishing attacks
- □ Any adopted GenAl solutions should include training for both DevOps and cybersecurity for the deployment pipeline to ensure Al safety and security assurances.

Establish Business Cases

Solid business cases are essential to determining the business value of any proposed AI solution, balancing risk and benefits, and evaluating and testing return on investment. There are an enormous number of

potential use cases; a few examples are provided.	 Enhance customer experience Better operational efficiency Better knowledge management Enhanced innovation Market Research and Competitor Analysis Document creation, translation, summarization, and analysis
Governance	
 be consulted, and who should be informed) Document and assign AI risk, risk assessmorganization. Establish data management policies, includes classification and usage limitations. Moderninimum access level of any user of the sypolicy to emphasize not to input protected tools. 	re potentially familiar with the technology or the advised but also necessary to ensure adequate to well established enterprise digital processes. To is responsible, who is accountable, who should ments, and governance responsibility within the luding technical enforcement, regarding data els should only leverage data classified for the vistem. For example, update the data protection or confidential data into nonbusiness-managed
 Create an AI Policy supported by established protection, software use) 	ed policy (e.g., standard of good conduct, data
 Publish an acceptable use matrix for various 	s generative Al tools for employees to use. of any data that the organization uses from the

generative LLM models.

Legal

Many of the legal implications of AI are undefined and potentially very costly.	An IT, security, and legal
	□ Confirm product warranties are of
	responsible for product warrantie
	 Review and update existing terms
	□ Review AI EULA agreements. Er
	different in how they handle us
	compliance and liability, privacy, a
	□ Review existing Al-assisted tools
	can threaten a companyś ownersł
	code for the product. For example
	generated content and who holds
	□ Review any risks to intellectual prepare to the prepare of the prepared
	be in jeopardy if improperly obtain
	subject to copyright, trademark, o
	creates a risk for the outputs of th
	 Review any contracts with indem
partnership is critical to identifying gaps and addressing obscure decisions.	responsibility for an event that lea
partitioning to orthodr to identifying gaps and addressing observe decisions.	who had the best chance of stoppi
	of the AI or its user caused the ev
	 Review liability for potential injury
	□ Review insurance coverage. Transfer
	insurance policies are likely insuff
	 Identify any copyright issues. Hu
	may also be liable for plagiarism,
	LLM tools are misused.
	 Ensure agreements are in place fo
	or provided services.
	☐ Restrict or prohibit the use of (
	enforceable rights may be an issu
	 Assess and AI solutions used for
	treatment claims or disparate imp
	☐ Make sure the AI solutions do not of

or authorization.

Regulatory

The EU AI Act is anticipated to be the first comprehensive AI law but will apply in 2025 at the earliest. The EUś General Data Protection Regulation (GDPR) does not specifically address AI but includes rules for data collection, data security, fairness and transparency, accuracy and reliability, and accountability, which can impact GenAI use. In the United States, AI regulation is included within broader consumer privacy laws. Ten US states have passed laws or have laws that will go into effect by the end of 2023.

Federal organizations such as the US Equal Employment Opportunity Commission (EEOC), the Consumer Financial Protection Bureau (CFPB), the Federal Trade Commission (FTC), and the US

Depa	rtment of Justiceś Civil Rights Division (DOJ) are closely monitoring hiring fairness.	 □ Determine State spece □ Determine compliance employment-related at the determine compliance required (Illinois, Martice Review any Al tools in the confirm the vendors □ Confirm the vendors □ Ask and document at trained, how it is more Ask and document well ask and document well Ask and document well Ask and document well Ask how the vendor of and video analysis to Review other organizations. The Employee requirements for retire 	
Usi	ng or Implementing Large Language Model Solutions		
	Threat Model: LLM components and architecture trust boundaries. Data Security: Verify how data is classified and protected based on sensitivity personal and proprietary business data. (How are user permissions managed, safeguards are in place?)	-	
	Access Control: Implement least privilege access controls and implement defens	e-in-depth	
_	measures Training Dinaline Security: Dequire rigorous central around training data government	ninolinoo	
Ц	Training Pipeline Security: Require rigorous control around training data governance models, and algorithms.	, pipeiiries,	
		utputs are	
	Monitoring and Response: Map workflows, monitoring, and responses to u automation, logging, and auditing. Confirm audit records are secure.	nderstand	
	Include application testing, source code review, vulnerability assessments, and red the production release process.	teaming in	
	Consider vulnerabilities in the LLM model solutions (Rezilion OSFF Scorecard).		
	Look into the effects of threats and attacks on LLM solutions, such as prompt inj	ection, the	
	release of sensitive information, and process manipulation. Investigate the impact of attacks and threats to LLM models, including model poisoning,		
	improper data handling, supply chain attacks, and model theft.	p	
	Supply Chain Security: Request third-party audits, penetration testing, and code r	eviews for	
_	third-party providers. (both initially and on an ongoing basis)	at ara thair	
Ц	Infrastructure Security: How often does the vendor perform resilience testing? What SLAs in terms of availability, scalability, and performance?	वा वास पासा	
	Update incident response playbooks and include an LLM incident in tabletop exerc	cises.	
	Identify or expand metrics to benchmark generative cybersecurity Al against other a to measure expected productivity improvements.		

Resources

OWASP Resources Using LLM solutions expands an organization's attack surface and presents new challenges, requiring special tactics and defenses. It also poses problems that are similar to known issues, and there are already established cybersecurity procedures and mitigations. Integrating LLM cybersecurity with an organization's established cybersecurity controls, processes, and procedures allows an organization to reduce its vulnerability to threats. How they integrate with each other is available at the OWASP Integration Standards.

OWASP Resource	Description	Why It Is Recommended & Where To Use It
OWASP SAMM	Software Assurance Maturity Model	Provides an effective and measurable way to analyze and improve an organization's secure development lifecycle. SAMM supports the complete software lifecycle. It is interative and risk-driven, enabling organizations to identify and prioritize gaps in secure software development so resources for improving the process can be dedicated where efforts have the greatest improvement impact.
OWASP AI Security and Privacy Guide	OWASP Project with a goal of connecting worldwide for an exchange on AI security, fostering standards alignment, and driving collaboration.	The OWASP AI Security and Privacy Guide is a comprehensive list of the most important AI security and privacy considerations. It is meant to be a comprehensive resource for developers, security researchers, and security consultants to verify the security and privacy of AI systems.
OWASP AI Exchange	OWASP AI Exchange is the intake method for the OWASP AI Security and Privacy Guide.	The AI Exchange is the primary intake method used by OWASP to drive the direction of the OWASP AI Security and Privacy Guide.

OWASP Resource	Description	Why It Is Recommended & Where To Use It
OWASP Machine Learning Security Top 10	OWASP Machine Learning Security Top 10 security issues of machine learning systems.	The OWASP Machine Learning Security Top 10 is a community-driven effort to collect and present the most important security issues of machine learning systems in a format that is easy to understand by both a security expert and a data scientist. This project includes the ML Top 10 and is a live working document that provides clear and actionable insights on designing, creating, testing, and procuring secure and privacy-preserving Al systems. It is the best OWASP resource for Al global regulatory and privacy information.
OpenCRE	OpenCRE (Common Requirement Enumeration) is the interactive content-linking platform for uniting security standards and guidelines into one overview.	Use this site to search for standards. You can search by standard name or by control type.
OWASP Threat Modeling	A structured, formal process for threat modeling of an application	Learn everything about Threat Modeling which is a structured representation of all the information that affects the security of an application.
OWASP CycloneDX	OWASP CycloneDX is a full-stack Bill of Materials (BOM) standard that provides advanced supply chain capabilities for cyber risk reduction.	Modern software is assembled using third-party and open source components. They are glued together in complex and unique ways and integrated with original code to achieve the desired functionality. An SBOM provides an accurate inventory of all components which enables organizations to identify risk, allows for greater transparency, and enables rapid impact analysis. EO 14028 provided minimum requirements for SBOM for federal systems.

OWASP Resource	Description	Why It Is Recommended & Where To Use It
OWASP Software Component Verification Standard (SCVS)	A community-driven effort to establish a framework for identifying activities, controls, and best practices can help in identifying and reducing risk in a software supply chain.	Use SCVS to develop a common set of activities, controls, and best-practices that can reduce risk in a software supply chain and identify a baseline and path to mature software supply chain vigilance.
OWASP API Security Project	API Security focuses on strategies and solutions to understand and mitigate the unique vulnerabilities and security risks of Application Programming Interfaces (APIs)	APIs are a foundational element of connecting applications, and mitigating misconfigurations or vulnerabilities is mandatory to protect users and organizations. Use for security testing and red teaming the build and production environments.
OWASP Application Security Verification Standard ASVS	Application Security Verification Standard (ASVS) Project provides a basis for testing web application technical security controls and also provides developers with a list of requirements for secure development.	Cookbook for web application security requirements, security testing, and metrics. Use to establish security user stories and security use case release testing.
OWASP Threat and Safeguard Matrix (TaSM)	An action oriented view to safeguard and enable the business	This matrix allows a company to overlay its major threats with the NIST Cyber Security Framework Functions (Identify, Protect, Detect, Respond, & Recover) to build a robust security plan. Use it as a dashboard to track and report on security across the organization.
Defect Dojo	An open source vulnerability management tool that streamlines the testing process by offering templating, report generation, metrics, and baseline self-service tools.	Use Defect Dojo to reduce the time for logging vulnerabilities with templates for vulnerabilities, imports for common vulnerability scanners, report generation, and metrics.

Table 5.1: OWASP Resources

OWASP Top 10 for Large Language Model Applications

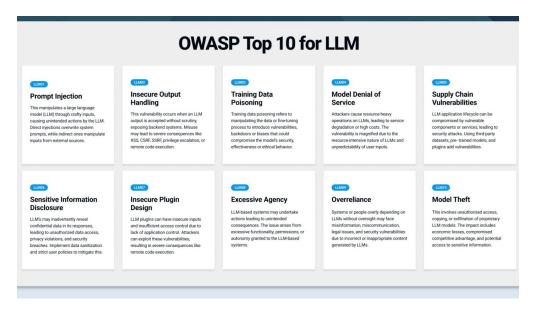


Figure 5.1: Image of OWASP Top 10 for Large Language Model Applications

OWASP Top 10 for Large Language Model Applications Visualized

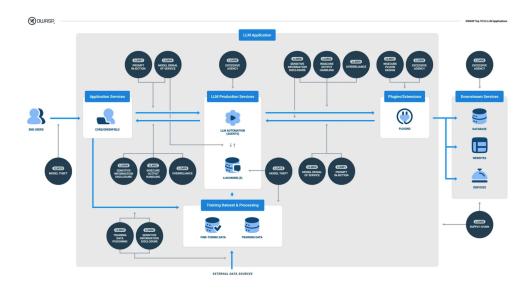


Figure 5.2: Image of OWASP Top 10 for Large Language Model Applications Visualized

MITRE Resources The increased frequency of LLM threats emphasizes the value of a resilience-first approach to defending an organization's attack surface. Existing TTPS are combined with new attack surfaces and capabilities in LLM Adversary threats and mitigations. MITRE maintains a well-established and widely accepted mechanism for coordinating opponent tactics and procedures based on real-world observations.

Coordination and mapping of an organization's LLM Security Strategy to MITRE ATT&CK and MITRE ATLAS allows an organization to determine where LLM Security is covered by current processes such as API Security Standards or where security holes exists.

MITRE ATT&CK (Adversarial Tactics, Techniques, and Common Knowledge) is a framework, collection of data matrices, and assessment tool that was made by the MITRE Corporation to help organizations figure out how well their cybersecurity works across their entire digital attack surface and find holes that had not been found before. It is a knowledge repository that is used all over the world. The MITRE ATT&CK matrix contains a collection of strategies used by adversaries to achieve a certain goal. In the ATT&CK Matrix, these objectives are classified as tactics. The objectives are outlined in attack order, beginning with reconnaissance and progressing to the eventual goal of exfiltration or impact.

MITRE ATLAS, which stands for "Adversarial Threat Landscape for Artificial Intelligence Systems," is a knowledge base that is based on real-life examples of attacks on machine learning (ML) systems by bad actors. ATLAS is based on the MITRE ATT&CK architecture, and its tactics and procedures complement those found in ATT&CK.

MITRE Resource	Description	Why It Is Recommended & Where To Use It
MITRE ATT&CK	Knowledge base of adversary tactics and techniques based on real-world observations	The ATT&CK knowledge base is used as a foundation for the development of specific threat models and methodologies. Map existing controls within the organization to adversary tactics and techniques to identify gaps or areas to test.
MITRE AT&CK Workbench	Create or extend ATT&CK data in a local knowledge base	Host and manage a customized copy of the ATT&CK knowledge base. This local copy of the ATT&CK knowledge base can be extended with new or updated techniques, tactics, mitigation groups, and software that is specific to your organization.

MITRE Resource	Description	Why It Is Recommended & Where To Use It
MITRE ATLAS	MITRE ATLAS (Adversarial Threat Landscape for Artificial-Intelligence Systems) is a knowledge base of adversary tactics, techniques, and case studies for machine learning (ML) systems based on real-world observations, demonstrations from ML red teams and security groups, and the state of the possible from academic research	Use it to map known ML vulnerabilities and map checks and controls for proposed projects or existing systems.
MITRE ATT&CK Powered Suit	ATT&CK Powered Suit is a browser extension that puts the MITRE ATT&CK knowledge base at your fingertips.	Add to your browser to quickly search for tactics, techniques, and more without disrupting your workflow.
The Threat Report ATT&CK Mapper (TRAM)	Automates TTP Identification in CTI Reports	Mapping TTPs found in CTI reports to MITRE ATT&CK is difficult, error prone, and time-consuming. TRAM uses LLMs to automate this process for the 50 most common techniques. Supports Juypter notebooks.
Attack Flow v2.1.0	Attack Flow is a language for describing how cyber adversaries combine and sequence various offensive techniques to achieve their goals.	Attack Flow helps visualize how an attacker uses a technique, so defenders and leaders understand how adversaries operate and improve their own defensive posture.
MITRE Caldera	A cyber security platform (framework) designed to easily automate adversary emulation, assist manual red-teams, and automate incident response.	Plugins are available for Caldera that help to expand the core capabilities of the framework and provide additional functionality, including agents, reporting, collections of TTPs and others
CALDERA plugin: Arsenal	A plugin developed for adversary emulation of Al-enabled systems.	This plugin provides TTPs defined in MITRE ATLAS to interface with CALDERA.

MITRE Resource	Description	Why It Is Recommended & Where To Use It
Atomic Red Team	Library of tests mapped to the MITRE ATT&CK framework.	Use to validate and test controls in an environment. Security teams can use Atomic Red Team to quickly, portably, and reproducibly test their environments. You can execute atomic tests directly from the command line; no installation is required.
MITRE CTI Blueprints	Automates Cyber Threat Intelligence reporting.	CTI Blueprints helps Cyber Threat Intelligence (CTI) analysts create high-quality, actionable reports more consistently and efficiently.

Table 5.2: MITRE Resources

AI Vulnerability Repositories

Name	Description
Al Incident Database	A repository of articles about different times AI has
	failed in real-world applications and is maintained by a
	college research group and crowds sourced.
OECD AI Incidents Monitor (AIM)	Offers an accessible starting point for comprehending
	the landscape of Al-related challenges.
Three of the leading compa	anies tracking Al Model vulnerabilities
Huntr Bug Bounty : ProtectAl	Bug bounty platform for AI/ML
Al Vulnerability Database (AVID) : Garak	Database of model vulnerabilities
Al Risk Database: Robust Intelligence	Database of model vulnerabilities

Table 5.3: Al Vulnerability Repositories

Al Procurement Guidance

Name	Description	
World Economic Forum: Adopting Al	The standard benchmarks and assessment criteria for	
Responsibly: Guidelines for Procurement of	procuring Artificial systems are in early development.	
Al Solutions by the Private Sector: Insight	The procurement guidelines provide organizations	
Report June 2023	with a baseline of considerations for the end-to-end	
	procurement process.	
	Use this guidance to augment an organization's existing	
	Third Party Risk Supplier and Vendor procurement	
	process.	

Table 5.4: Al Procurement Guidance

Team

Thank you to the OWASP Top 10 for LLM Applications Cybersecurity and Governance Checklist Contributors.

Checklist Contributors		
Sandy Dunn	Heather Linn	John Sotiropoulos
Steve Wilson	Fabrizio Cilli	Aubrey King
Bob Simonoff	David Rowe	Rob Vanderveer
Emmanual Guilherme Junior	Andrea Succi	Jason Ross

Table A.1: OWASP LLM AI Security & Governance Checklist v.0.5 Team