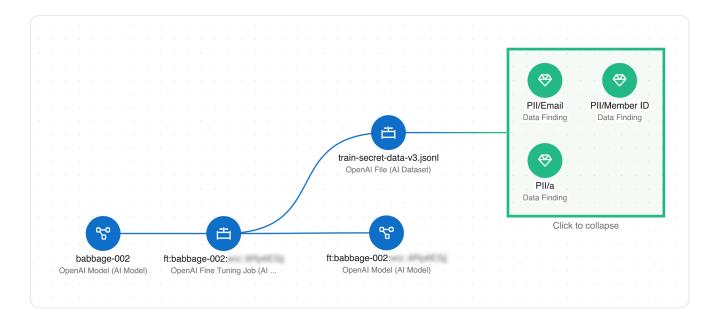


Securing Al



Wiz provides a variety of AI security posture management (AI-SPM) features to help you monitor and protect cloud environments that use artificial intelligence (AI) services and applications. This is totally different from how Wiz uses AI in its own product and docs. Learn about <u>Ask AI</u> and <u>Doc AI</u>.



Setting up a dedicated <u>OpenAl Connector</u> and/or <u>adding permissions for Azure OpenAl</u> allows Wiz to detect Al models, fine tuning jobs, and training datasets in use throughout your cloud estate. <u>Enabling data security for Al</u> allows Wiz to scan datasets for potentially sensitive data and exposed secrets.

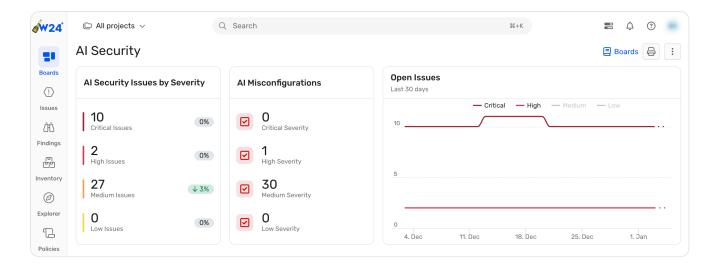
OpenAl vs. Azure OpenAl

Wiz supports both OpenAI and Azure OpenAI for all AI use cases, but there are some key differences in how they are supported:

- OpenAI is scanned via a <u>dedicated Connector</u>
- Azure OpenAI is scanned via a standard Azure cloud Connector. If you defined your Azure cloud Connector before December 2023, you may need to <u>update Azure</u> <u>permissions</u> to add the Cognitive Service OpenAI User built-in role.

1 Depending on how Wiz is deployed, OpenAl datasets may be analyzed for potentially sensitive data in the Wiz backend, which may not be in the same region as your OpenAl instances. <u>Learn more</u>.

Al use cases

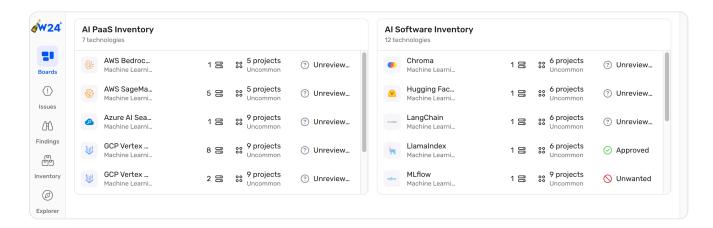


The Al Security board is a great starting point to explore Al security use cases:

- <u>Visibility into Al usage</u>
- Al security posture management
- Analyze AI models for malicious code
- Data security for AI
- Attack path analysis for Al

Visibility into AI usage

By combining cloud scanning and workload scanning, Wiz builds a full-stack inventory of AI technologies, aka AI bill of materials (AI-BOM).



 The AI PaaS Inventory widget lists AI services that are detected via cloud (direct link)

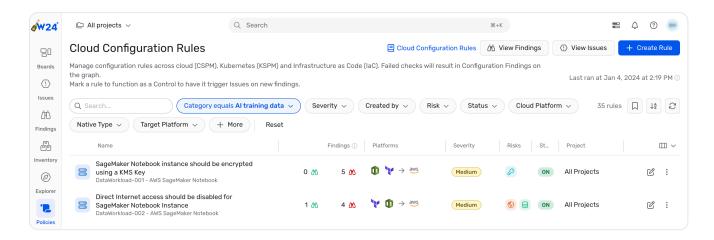
English •

 The AI Software Inventory widget lists libraries related to AI installed on workloads, such as AI Azure OpenAI SDK and Vertex AI SDK, which are detected via workload scanning (direct link)

Both widgets link to the full Inventory > Technologies page, where you can explore what has been detected, and where. <u>Learn about the Inventory</u>.

Al security posture management

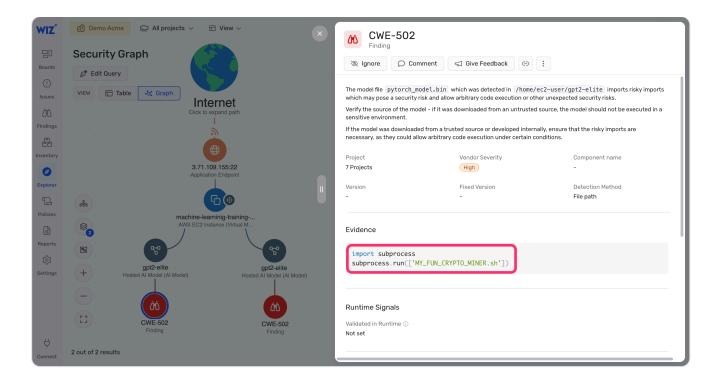
Wiz identifies misconfigurations in supported PaaS AI services and applications via Cloud Configuration Rules that target <u>supported AI technologies</u> such as SageMaker Domain and Vertex AI.



When a misconfiguration is detected, a <u>Cloud Configuration Finding</u> connected to the relevant technology is added to the Security Graph.

Analyze AI models for malicious code

Wiz scans AI models (PyTorch, Keras, etc.) for <u>potentially malicious code in the model</u> <u>data</u> that could allow attackers to run arbitrary code your workloads.



Data security for AI

This feature requires either a Wiz Standard or a Wiz Advanced license. <u>Learn more</u>.

Data security for AI services must be separately enabled on the <u>Settings > Scanners > Data Security</u> page.

Potentially sensitive data such as training data used by AI services and applications can be detected by <u>Data Classification Rules</u>. For example, you can search for <u>all buckets used by AI services that contain sensitive data</u>:

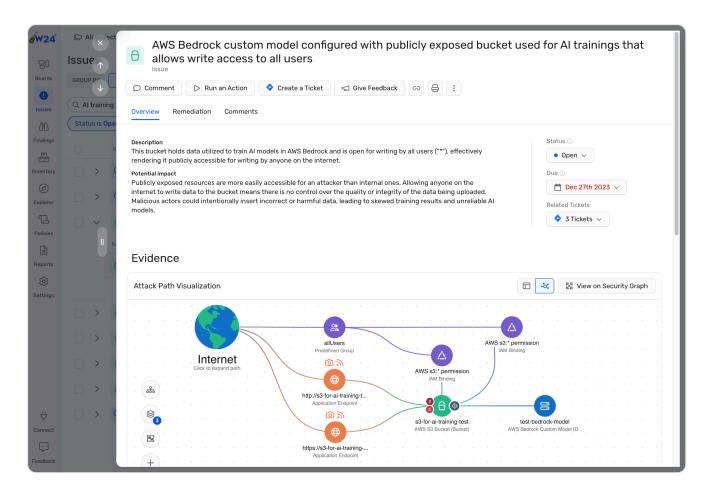


When potentially sensitive data is detected, a <u>Data Finding</u> connected to the relevant technology is added to the Security Graph.



This feature requires either a Wiz Standard or a Wiz Advanced license. <u>Learn more</u>.

Wiz detects toxic combinations of risks that could open attack paths leading to AI services and applications. These correlate exposure, identity, data and vulnerability analyses to reveal attack paths. For example, Wiz can detect a publicly exposed bucket used for AI training allows write access to all users:



When a Control detects an attack path, an Issue is created.

Supported AI models

Wiz detects the following AI models:

- Pytorch models— .pt , .ckpt , .bin files
- Tensorflow models— .h5 , .keras , .pb files
- HuggingFace models, including all of the formats mentioned above along with with
 .json configuration files
- Other models— .onnx , .gguf and LLaMA files

Did this page help you? \triangle Yes \bigcirc No