



Cybersecurity with Azure OpenAI Service

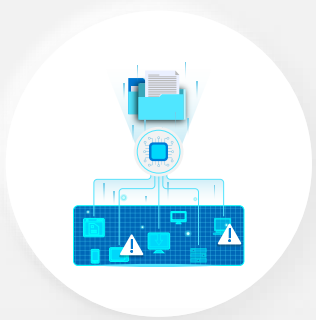
Empower security professionals to improve
agencies' security posture



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Technologies to Make This Possible

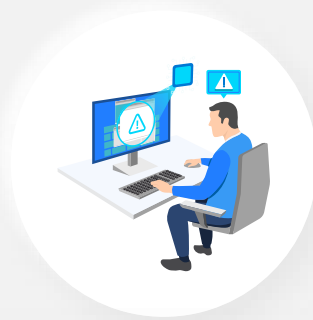
Adaptive Cyber Policy Response and Management



Generative AI ingests a new security update release and compares it against the agency's Governance, Risk, and Compliance (GRC) system. The model **dynamically creates recommendation dashboards** on technology and processes. After a human determines the best course of action, the model keeps the agency **updated on progress**.

- Azure OpenAI Service
- PowerBI
- SharePoint

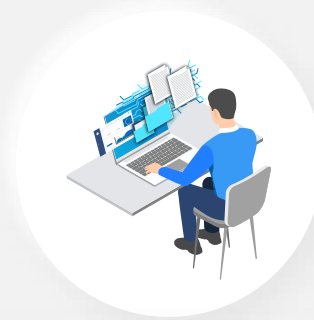
Vulnerability Management



The generative AI model **finds, rationalizes, and organizes** intel on the vulnerability. It searches the agency tech stack holistically to determine likelihood of impact based on the relationship between the system and potential attack vectors. Then, it **provides a summary** a professional can leverage in an action plan.

- Azure OpenAI Service
- Microsoft Defender Threat Intelligence

CUI Lifecycle Management



The model is **grounded** on CUI policies and adapts dynamically to updates or reclassifications, allowing security professionals to stay up to date with complex regulations. It helps determine locations of documents and messages and can be instructed to perform actions like **correct labeling and reporting**.

- Azure OpenAI Service
- Azure Data Lake
- PowerBI
- SharePoint

Information Sharing



The model searches for intel on threats across different sources, **without the need for a central repository**. Then, it can help contextualize the intel for a specific environment, helping agencies determine what to share about the significance of potential threats.

- Azure OpenAI Service
- Azure Data Lake
- SharePoint