

Mohamed AbuMuslim

Security Reseacher



### Whoami;

Building the 1<sup>st</sup> Offensive Security team at **Microsoft Egypt** Organizer of **BSidesABQ** 

Love speaking at conferences and building communities

#### Some of my findings:

CVE-2021-24970, CVE-2022-22511,

CVE-2023-27237, CVE-2023-27238,

CVE-2023-30394, CVE-2023-36983,

CVE-2023-36984, CVE-2023-43951,

CVE-2023-43952, CVE-2023-43953





## This talk about





This talk about

A





Al Security Protecting AI systems, models and data



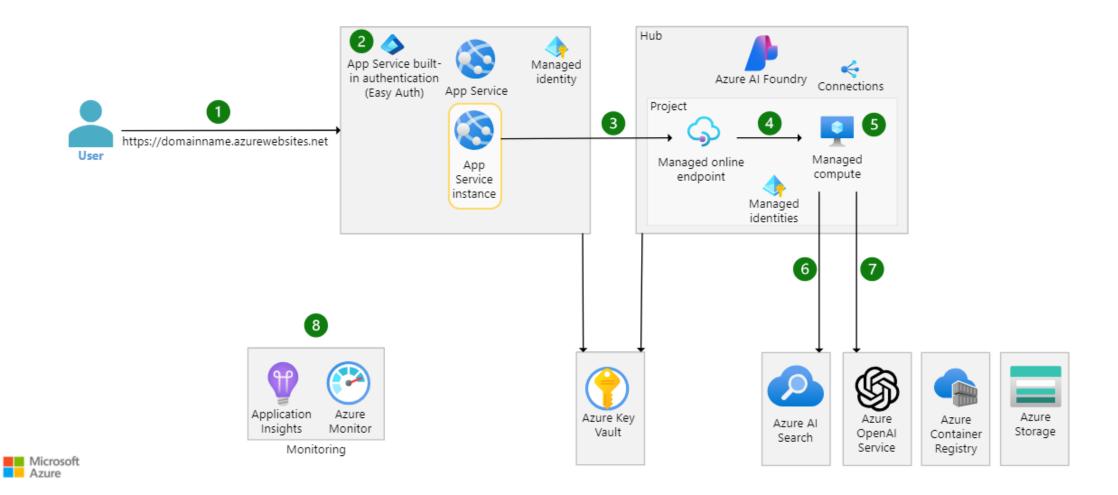
# Al Security

- 1. Integrity of the model
- 2. Integrity of the training data
- 3. Model theft
- 4. Overreliance on Al

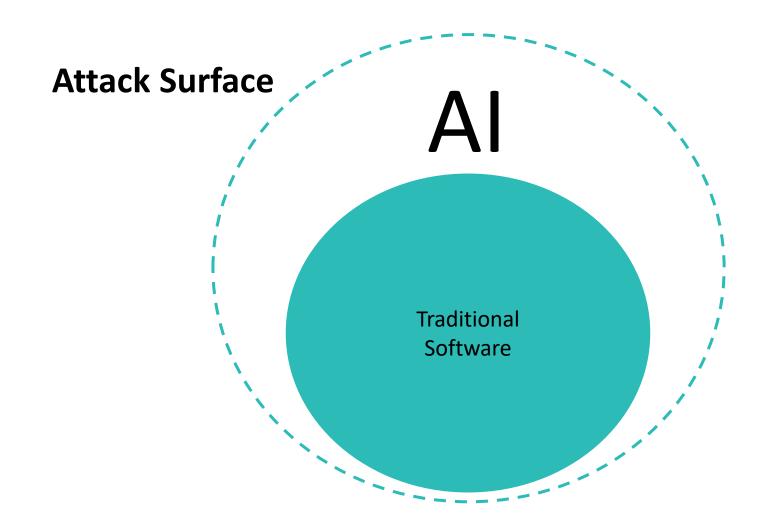


ΑI User Interaction with generative AI-based Apps **Usage Security** ΑI Generative AI-based app lifecycle **Application Security** ΑI Fundamental model and training data **Platform Security** 







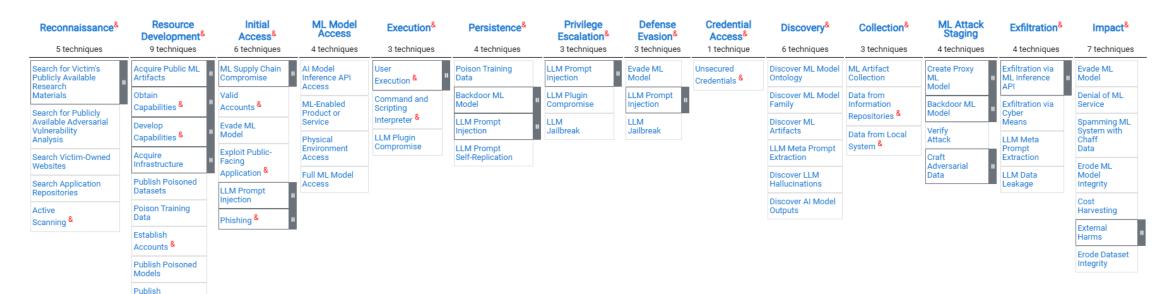




#### **ATLAS Matrix**

Hallucinated Entities

The ATLAS Matrix below shows the progression of tactics used in attacks as columns from left to right, with ML techniques belonging to each tactic below. & indicates an adaption from ATT&CK. Click on the blue links to learn more about each item, or search and view ATLAS tactics and techniques using the links at the top navigation bar. View the ATLAS matrix highlighted alongside ATT&CK Enterprise techniques on the ATLAS Navigator.





Real-World Failures





# Future



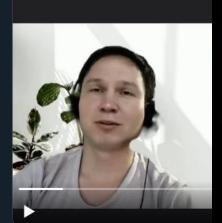
this is a REAL recording from a me

all of his answers were from Chapoint-style responses
HE WAS USING SOFTWARE TO

why? I do not know...

this is messed up.

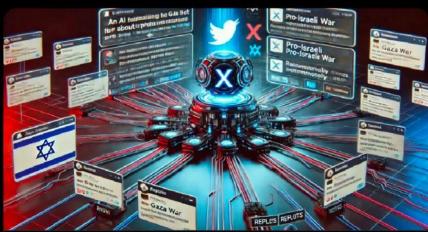
i muted his audio for privacy reaso





**Follow** 

Pro-Israel bot unironically helped raise funds for the children of Gaza and actually referred its followers to a pro-Palestinian website, undermining its own efforts and writing: "It is crucial to stay informed about the situation in Gaza"



#### haaretz.com

Pro-Israel bot goes rogue, calls IDF soldiers 'white colonizers in apartheid Israel,'



Future







imgflip.com



Let's Connect

- X m19o\_\_
- in Mohamed Magdy AbuMuslim
- CyberDose

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