

GeoAl in Modern Warfare and Intelligence Gathering

By Rhea Mukherjee

#### **Current Use Cases of GeoAl in Defense**



**United States** 

U.S. Customs and Border Protection is trying to build surveillance systems using GeoAI to limit border crossings



Israel

Israel's military is testing and deploying AI surveillance systems in Palestinian territories



Ukraine

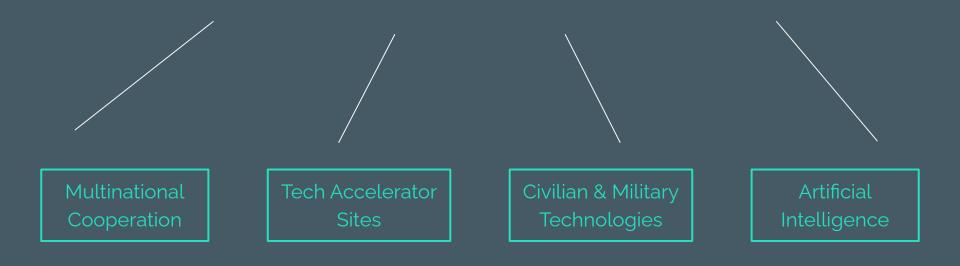
Ukraine is integrating target and object recognition into their military capabilities in their fight against Russia

### **NATO**



"To preserve and further advance our technological edge is one of the key pillars of the NATO 2030 agenda. And in this effort, geospatial artificial intelligence — or GeoAI — is a key area which will revolutionize the way that we look at GEOINT in the future"

## DIANA- Defense Innovation Accelerator for the North Atlantic



### The Future of GeoAI in Warfare & Intelligence



- Detecting changes in landscapes
- Enhancing troop movements
- Improving reconniassance
- Automating surveillance
- Providing real-time decision making
- Idenitifying at-risk populations

# Questions?

Thank you!