

Warfare Tactics Decoder

a startup idea to predict risk of attack and automate enemy locations

Problem Statement

To develop a threat-detection system that uses historical data of past attacked locations in Ukraine to classify the region/city as a high-risk or low-risk zone. Calculating the probability of a future attack to classify the type of attack e.g drone, missile etc by machine learning models that require ground data such as crater shape, size and dimensions.

The system also provides a threat-monitoring solution to the approaching enemy in war by automating the workflow of tasks by data pipelining

Solution

A web-based SaaS platform to anticipate future attacks by improved decision-making and hyperparameter tuning. Monitoring the enemy's current location from logs generated in Apache Airflow web-UI to provide feedback on the front-end. The system improves the quality of raw data by preprocessing it by Data cleaning, Feature Engineering which will turn the data into actionable intelligence to drive decision making.

Business model

VALUE PROPOSITION

The SaaS platform ensures how defense agencies will be able to anticipate future war attacks and also monitor enemy movements in the war.

Revenue Streams

- Subscription Plans for Clients
- OUTSOURCING TO THIRD PARTIES
- CONDUCTING WORKSHOPS FOR OPERATING OUR PRODUCT

Customer Segment

- MINISTRY OF DEFENCE OF UKRAINE
- THE NATIONAL DEFENCE FORCES SUCH AS THE UKRAINIAN ARMY, AIRFORCE, & NAVY
- NATO AND OTHER ALLIED FORCES SUPPORTING UKRAINE

Key partnerships

- LOCK HEED MARTIN
- NORTHROP GRUMMAN

Channels

- LINKEDIN
- Defence trade shows and expos
- Collaborate with overseas defense firms or government