

ML/AI Model: food product resilience index

- Input data:
 1. Crop name, Crop location (longitude & latitude)
 2. Historical weather data for the crop location (optional: weather prediction)
 3. Collection of extreme weather
 4. Annual yield data
 5. Administrative boundaries of location (used to mapping the regional NDVI data)
 6. NDVI data (missing)
- Output: food product resilience index, approximated by the annual yield data
- Model: unsupervised model: K-Means, PCA?