Project Draft Submission of
Threat to Sahel: Climate change, Drought and Degradation

PoliMInd

1 Approach

- Gonvernments oriented dashboard to support sustainable agricultural planning and contribute to global land restoration initiatives.

2 Expected outcomes

- Predictive and interactive dashboard.

- Easy visualization of Data from the past 20 years.

- Integrated food prices dataset.

3 Methodology used thus far

- Implemented the dashboard in Python using Dash and Plotly libraries.

- Implemented C-NN LSTM for time series prediction of 2D images and used Isolation Forest to compute anomalies.