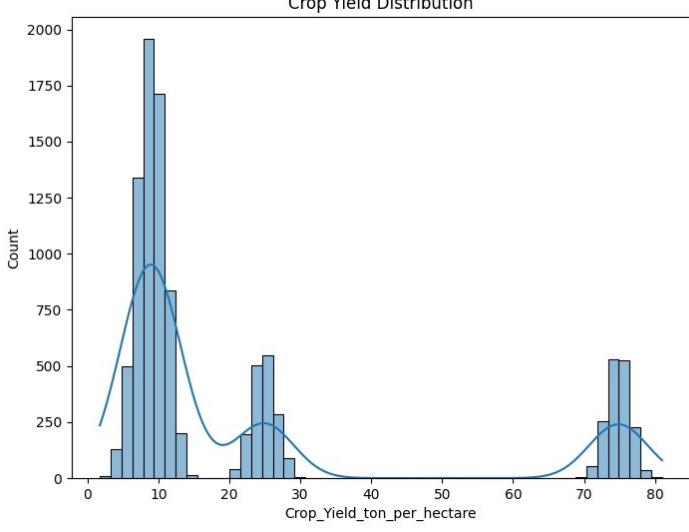


DATA NORMALIZATION AND VISUALIZATION REPORT

DATA NORMALIZATION PROCEDURE (Enumerate which columns of data is normalized according to which formula.)	Min-Max Normalization was applied. All numerical features (N, P, K, pH, Temperature, etc.), excluding the target variable (Crop_Yield), were scaled to the [0, 1] range using Scikit-Learn's MinMaxScaler
DATA NORMALIZATION SCRIPT(S) DIRECTORY URL (You will upload to somewhere, e.g. onedrive)	https://github.com/AGovem/ENG-346-project/blob/main/Crop_Yield_prediction_ai.py
NORMALIZED DATA URL (You will upload to somewhere, e.g. onedrive)	https://github.com/AGovem/ENG-346-project/blob/main/normalized_data.txt
GRAPHS EXTRACTED FROM DATA (VISUALIZATION) (JPEG or PNG files generated using Matplotlib to visualize the characteristics of your data. For example a graph with X= a column in the data, Y= Another column in the data.)	 <p><i>Graph_Yield_Dist.png</i> was generated to observe the distribution of the 'Crop_Yield_ton_per_hectare' column.</p>

NOTE: Data normalization is a pre-processing method that resizes the range of feature values to a specific scale, usually between 0 and 1. It is a feature scaling technique used to transform data into a standard range.