

DATA CLEANING REPORT

DATA CLEANING PROCEDURE (Enumerate the steps to clean the data)	Data cleaning was performed using the Pandas library. First, missing values were detected using the <code>isnull().sum()</code> function, and these rows were removed from the dataset using the <code>dropna()</code> function. Then, duplicate rows were identified using <code>duplicated().sum()</code> and removed using the <code>drop_duplicates()</code> function.
DATA CLEANING 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
CLEAN DATA URL (You will upload to somewhere, e.g. onedrive)	https://github.com/AGovem/ENG-346-project/blob/main/cleaned_data.txt
CLEANING TECHNIQUES (e.g. interpolation for column X of data file Y, median for column Z of data file D)	for missing values row deletion method was applied. for duplicate data removing duplicates method was applied.

NOTE: Data cleaning is the process of fixing or removing incorrect, corrupted, incorrectly formatted, duplicate, or incomplete data within a dataset. Fixing may be done using various mathematical methods, such as interpolation, extrapolation, putting a fixed value as missing value, putting the mod/median/mean/max/min as missing value.