

Approach Taken

Since this is a classification task, the RandomForestClassifier is used.

Since there are two representations for label (Label and Encoded_Label), Encoded_Label column is dropped. There are no missing values so not much preprocessing is needed.

Challenged Faced

The trained model had an accuracy of 100%. We needed to fit the model multiple times to confirm it is working. Not knowing about joblib is another challenge faced.

Insights gained

Using Joblib is the best insight gained.

To run the model load using joblib and run the <loaded_object>.predict_crops(<variables>)