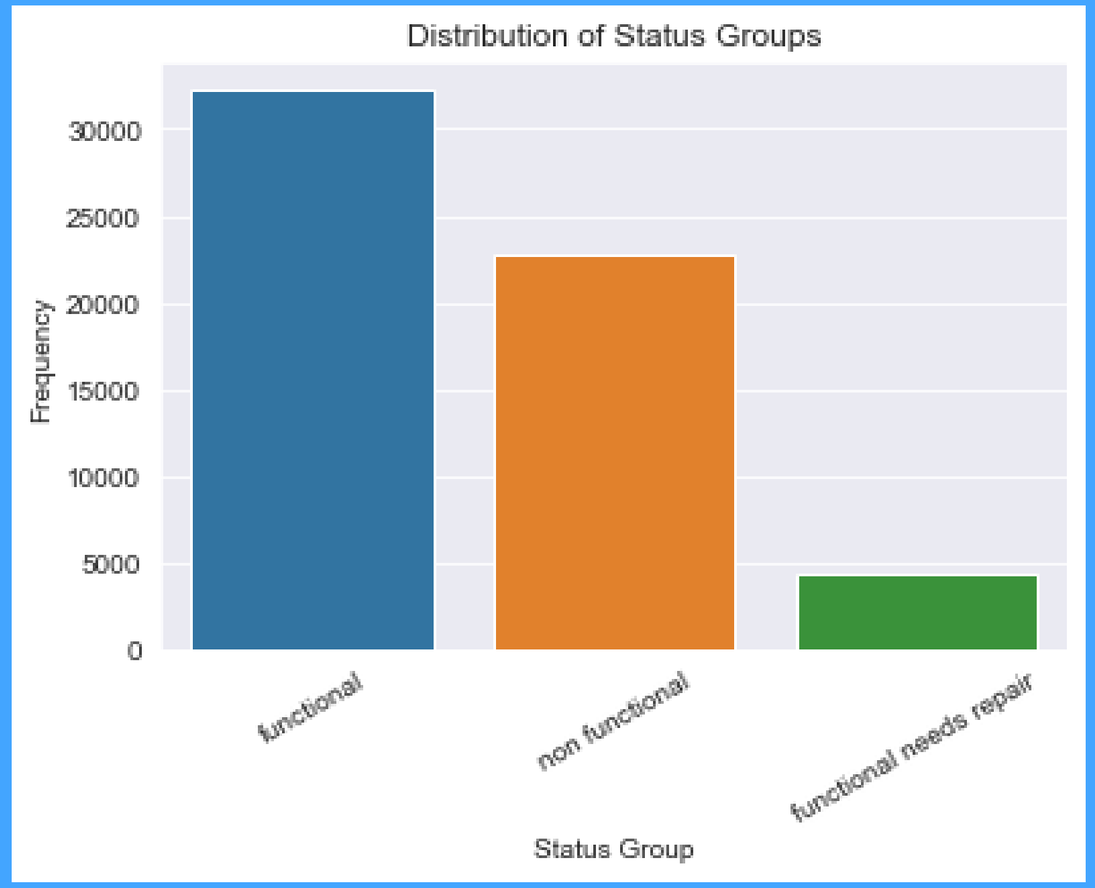
TANZANIA WATER PREDICTION

Problem Statement: Predicting the Status of Water Pumps in Tanzania

5900

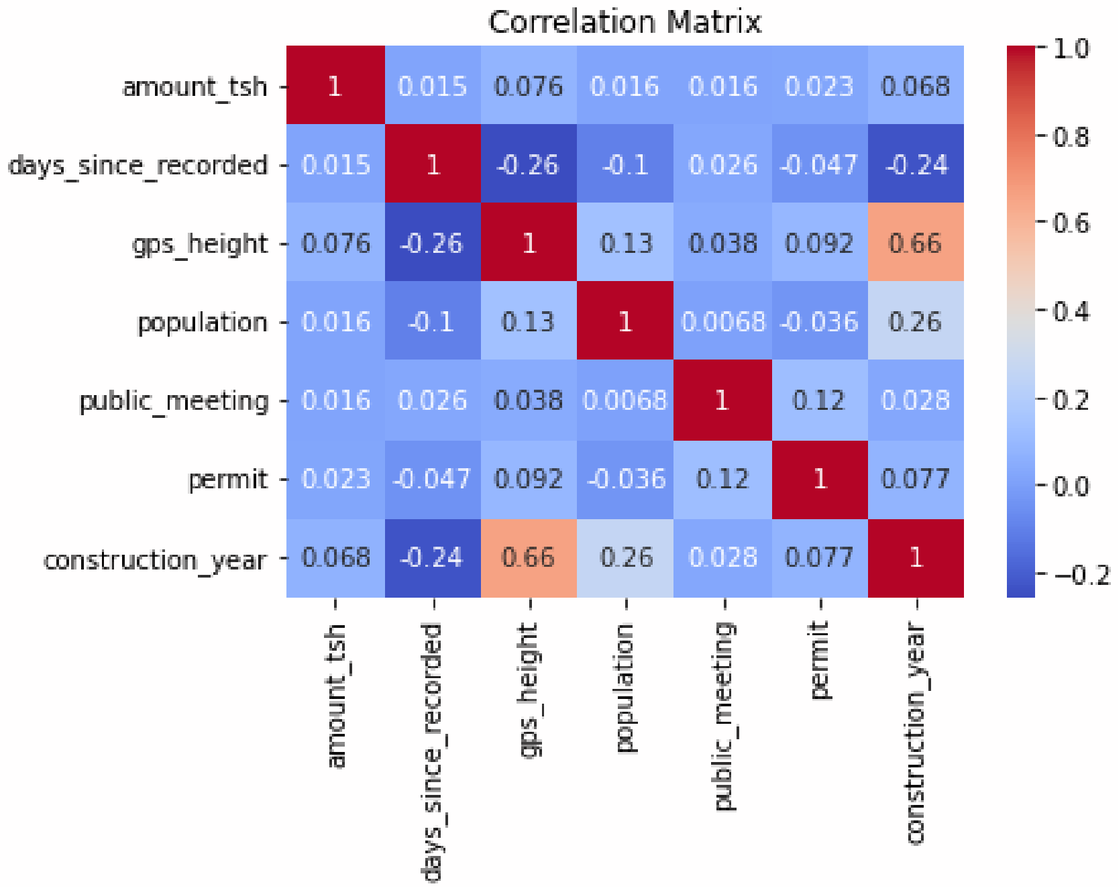
The number of water pumps in Tanzania



54% Functional pumps

38% Non-Functional pumps

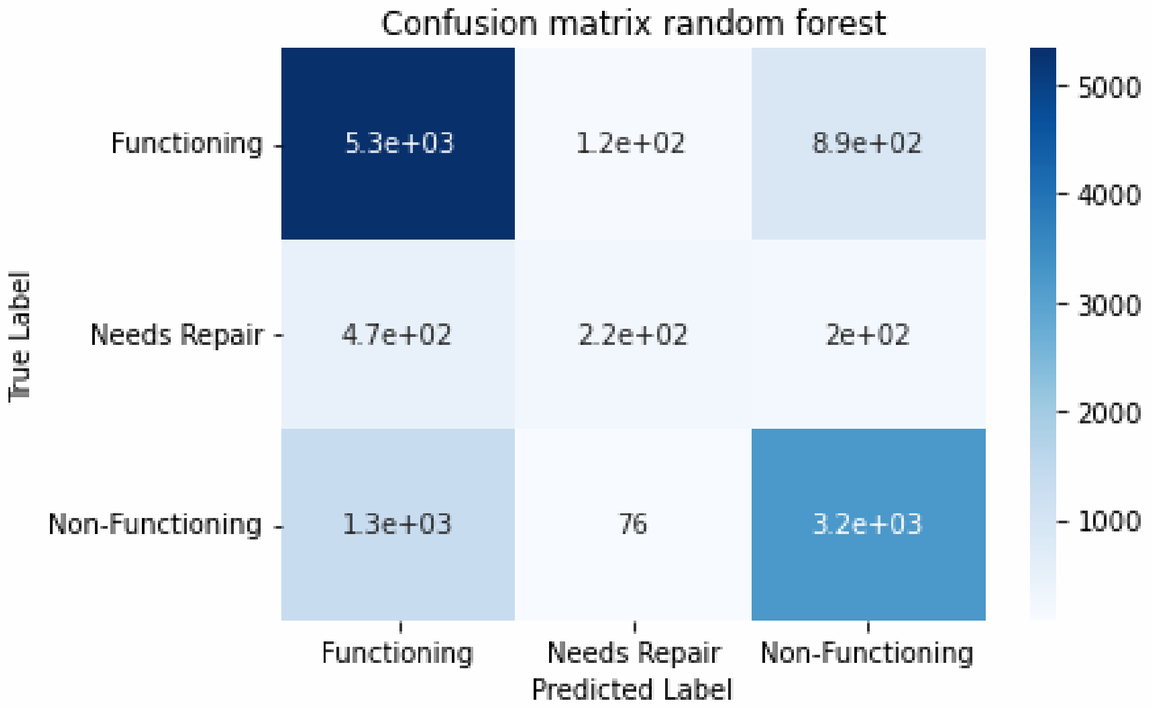
7% Needs repair



Some of the main features for prediction included in the correlation matrix amount_tsh , construction year.

MODEL evaluation.

This is a Random forest model predictor .



SCORE 73%

RECOMENDATION

The Random Forest algorithm is well-suited to address the challenge of predicting which water pumps in Tanzania need to be repaired. It provides a high degree of accuracy and stability, as well as valuable insights into the variables that are driving repair needs. I would be happy to discuss this recommendation further and provide any additional information that may be necessary.

THANK YOU