Tanzanian Water Wells

the Tanzania Water Project

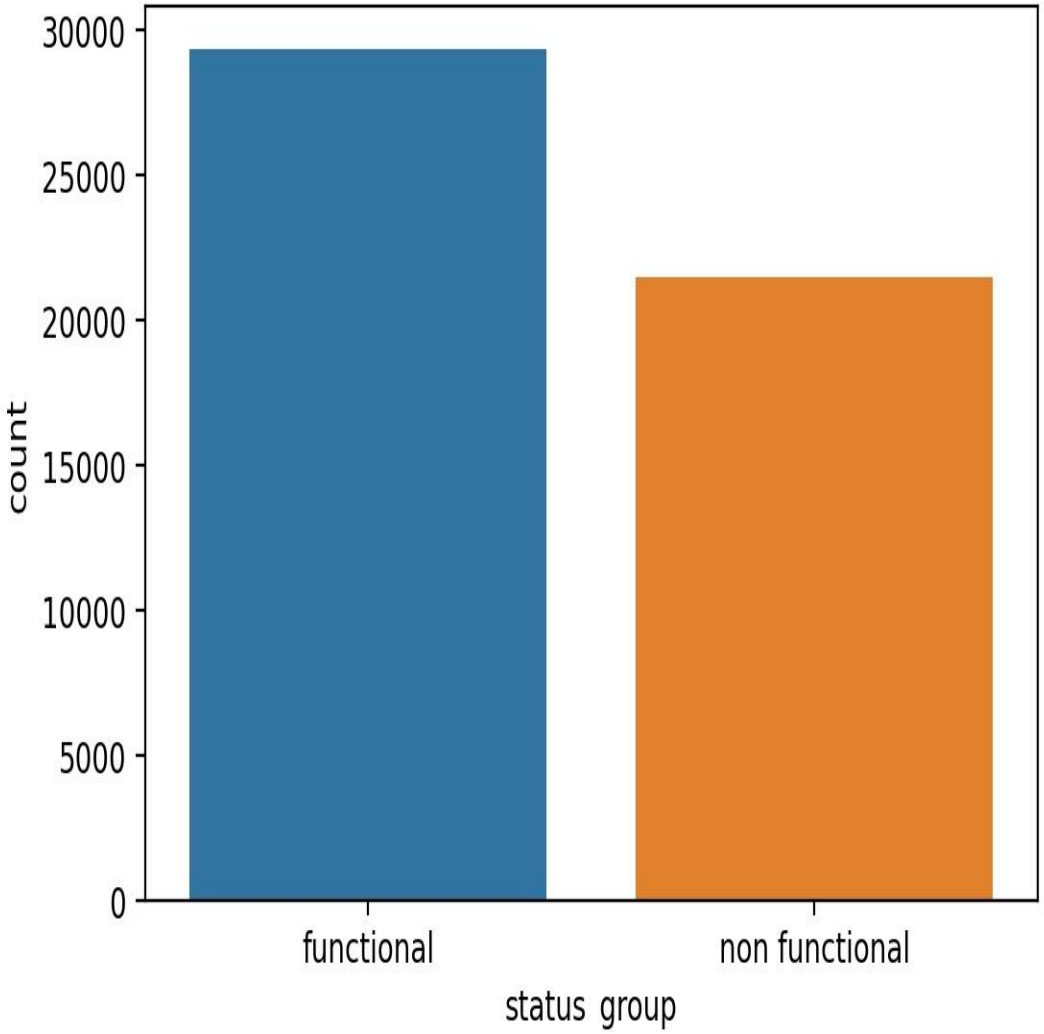
Jordan Kominsky

Overview

- Data
  - 60k water wells
- Goal
  - Create a predictive model

Problem

- Nearly 50% of the wells are non functional

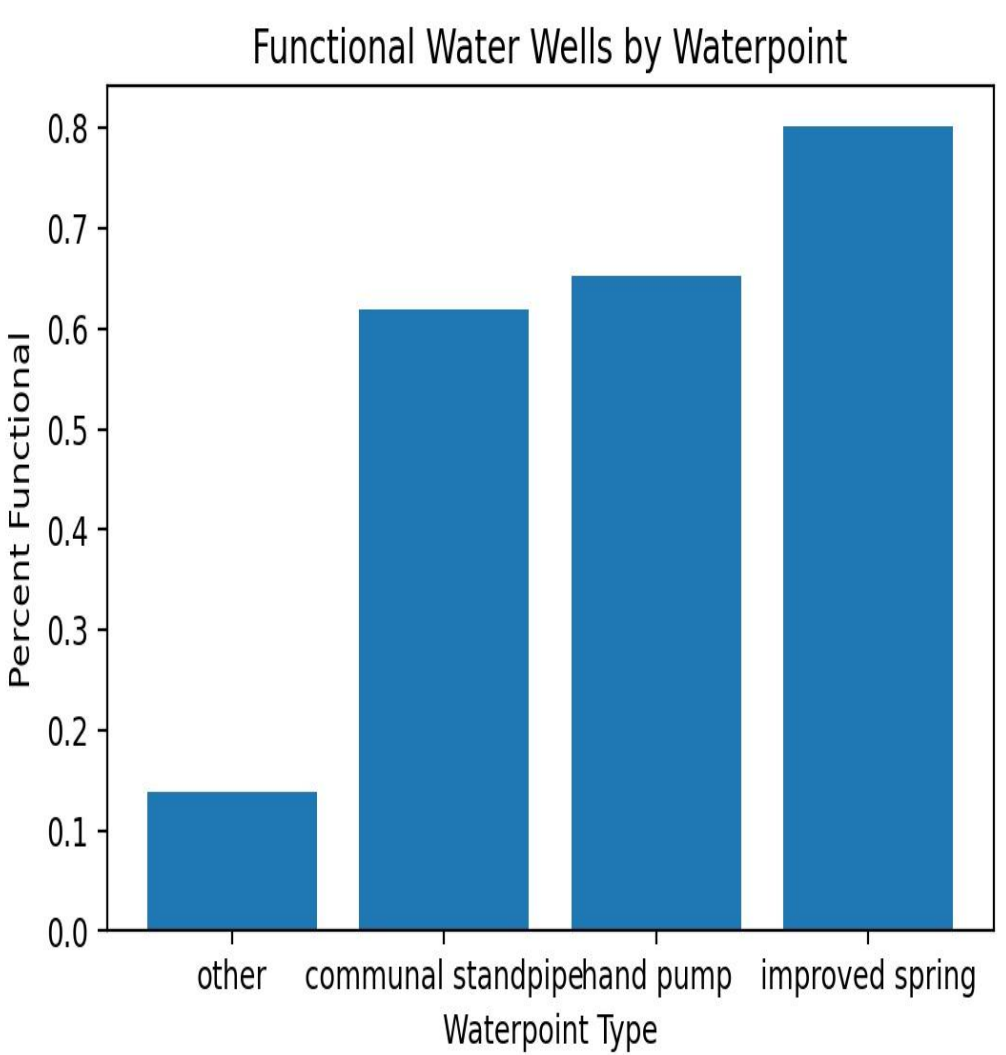


Features

- Location
- Source of the water
- Waterpoint Type

Waterpoint

- Improved springs are 80% functional
- Communal Standpipes and Hand Pumps are 60% functional



Final Model

- Predicted with approx 86% accuracy.
- Predicts Functional or Non Functional

Next Steps

- Time Analysis

- Create an app

Any Questions?
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