

The left half of the image features a close-up, high-resolution photograph of water. The water is a vibrant blue, and its surface is covered in a dense pattern of small, concentric ripples. These ripples create a shimmering effect, with light reflecting off the peaks and creating darker shadows in the troughs. The overall texture is fluid and dynamic.

TANZANIA WATER WELLS

Functionality prediction of
water wells in Tanzania.

OVERVIEW:

- Business Problem
- Data overview
- Modelling
- Suggestions
- Next steps





Business Problem:

Of this 59 million population, 25 million do not have access to clean water, and 40 million do not have access to better sanitation



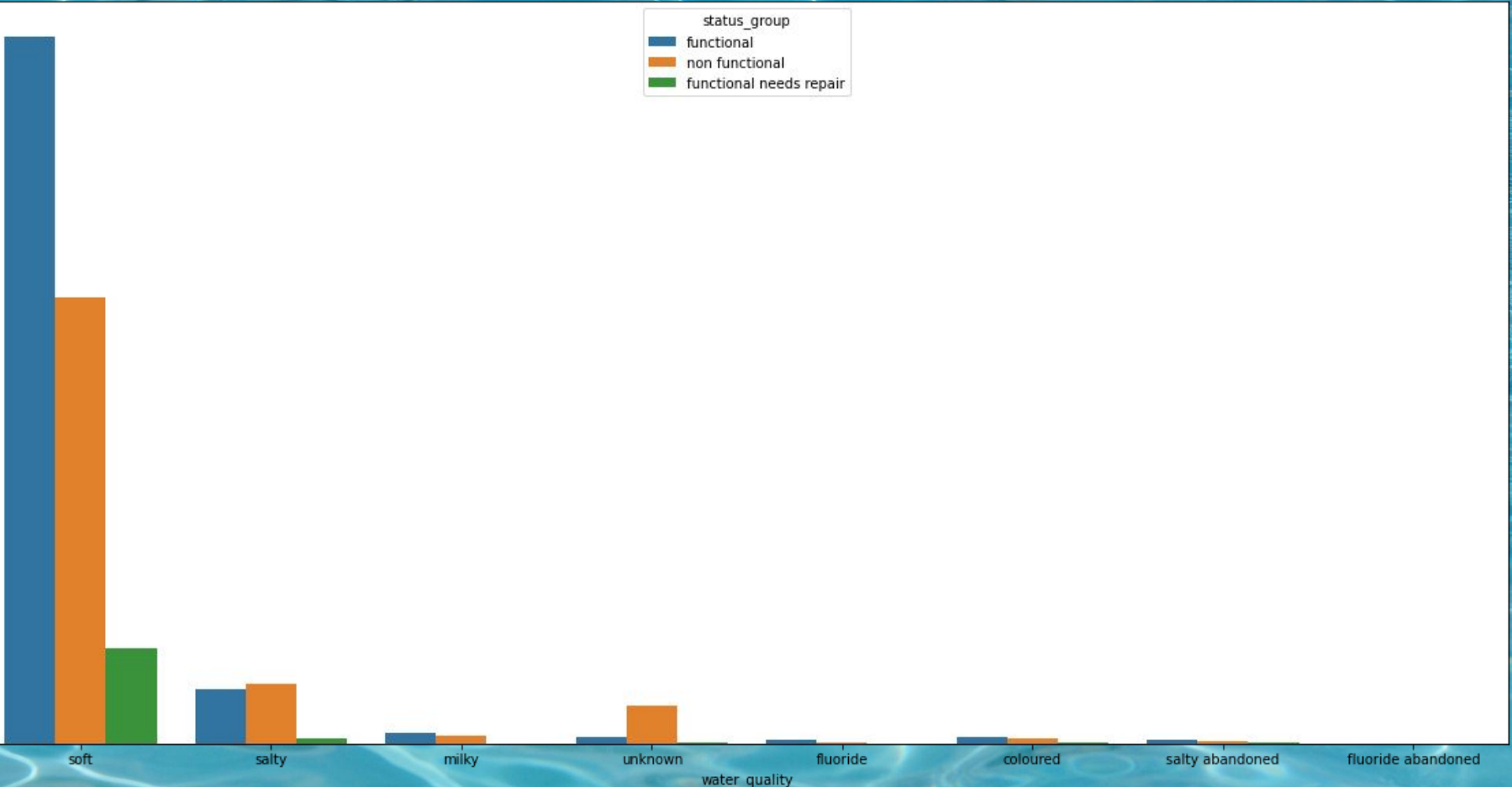
Data Overview ;

-With the data cleaned and explored one can identify which water points are functional, non-functional, and functional but in need of repair using this prediction model.

The aid of this model, we can show Tanzanian officials how to effectively utilize their water resources.



Water Quality;



Suggestions:

- Prioritize fixing water pumps with urgency
- Allocate funds to effective organizations

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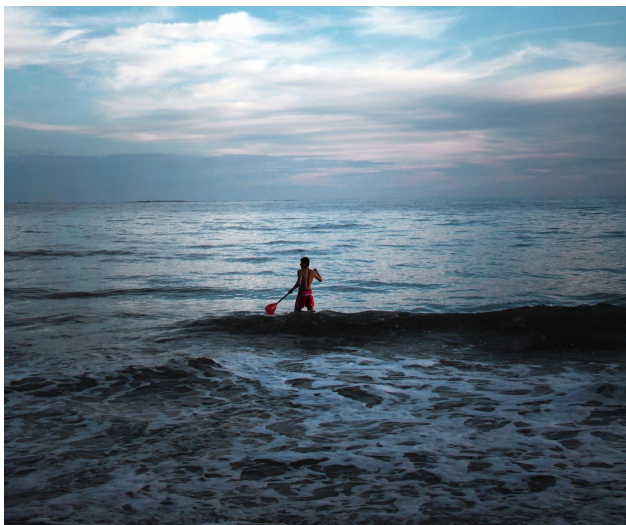
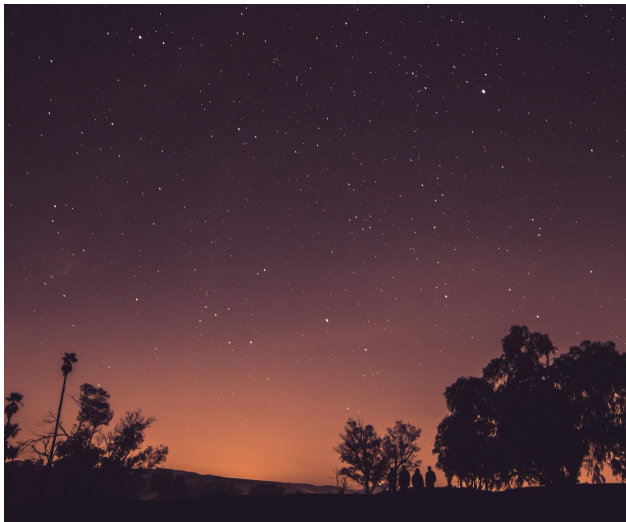
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Next Steps:

**Prioritizing repairs for
healthy running wells
that produce clean water
and concentrating
repairs on well clusters
in particular**



THANK YOU!

