

## PROBLEM STATEMENT

### Problem:

One in nine people worldwide uses drinking water from unimproved and unsafe sources. 2.4 billion people live without any form of sanitation.

- Water is one of the most essential for the existence of life. The safety and accessibility of drinking-water are major concerns throughout the globe.
- Water makes up about 70% of the surface and is one of the most important sources vital to sustaining life.
- Water quality has been conventionally estimated through expensive and time consuming lab and statistical analysis.
- This system is proposed to check the water quality and warn the user before water gets contaminated using Machine Learning.