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Problem statement:

World is being surrounded by 3/4th of water surface and it is essential for all humans and living organisms. Quality of water is unstable, water can be polluted at any time and water quality testing are so expensive and huge wastage of water. With that initiative we started a machine learning algorithm to estimate the quality of water.

Prabakaran S

PH level is 7 to 7.5 is good for health.

Sensors are used to remove impurities.

Water may pollute at any time.

Perumal K

Colour is present based on organic matter present.

Water quality is based on elements present inside.

Hardness of water must be treated.

Kaviya N

Filtration Process to remove impurities

Using PPM amount of minerals and gases dissolved in impurities.

Less the dissolved particles will good for health.
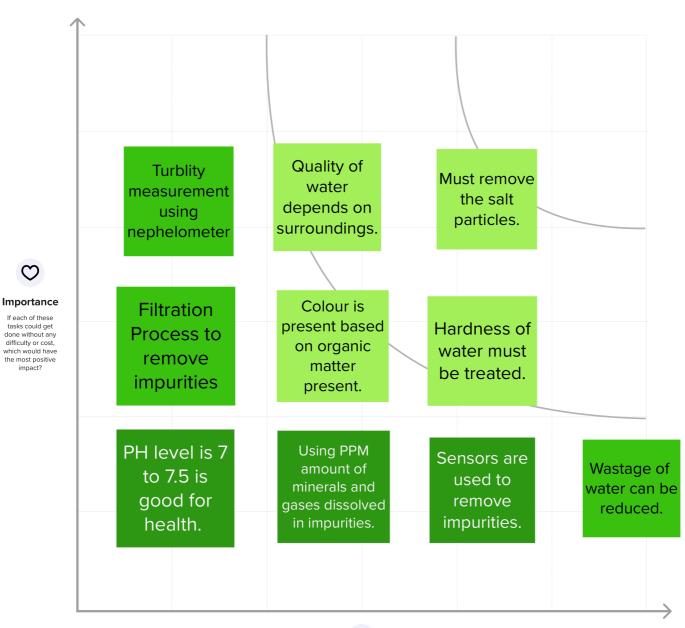
Raja P

Turblity measurement using nephelometer

water must be treated.

Water must be store in a cleaned container.

Importance

If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

Turblity measurement using nephelometer

Quality of water depends on surroundings.

Must remove the salt particles.

Filtration Process to remove impurities

Colour is present based on organic matter present.

Hardness of water must be treated.

PH level is 7 to 7.5 is good for health.

Using PPM amount of minerals and gases dissolved in impurities.

Sensors are used to remove impurities.

Wastage of water can be reduced.

Feasibility

Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)