quality monitoring management.

1. CUSTOMER SEGMENT(S)

CS

6. CUSTOMER CONSTRAINTS

affect the people,

CC

5. AVAILABLE SOLUTIONS

AS

Explore AS, differentiate

J&P, tap into BE, understand RC

Extract online & offline CH of BE

The available solution is finding water quality index (WOI) and water quality class(WOC).

Merits: It checks the turbitity, Ph. TDS, Hardness.

Demerits: It would identify the limited pAaramewters in water.

2. PROBLEMS

J&P

9. PROBLEM ROOT CAUSE

7. BEHAVIOUR

It is very difficult to find the pure drinking water. Because it need more proof to be an qualified water. The rising water pollution, resulting in lab testingto imperative reliability and accuracy and directly include the drinking water. The main problem is impurities present in the wwaterp

Based on water quality, the customer segment the

quality into marine, residential & Commercial, lab

quality and purified water. It impact the water

testing ground water and others. All this we need

- Identify appropriate solution.
- Collect sufficient amount of data.

If the water is not at standard quality it is an

Sometimes it may cause disease and it will

serious thread to all the people. Because

water is essential one for all to sustain.

Identify the associated casual factor.

Water quality analyst analyse the quality and develop policies and plans for control the factor which produce impurities. They conduct chemical, physical and biological test to define water quality standard.

3. TRIGGERS

This triggers to discover the pattern in user data and then make prediction then make prediction based on intricate pattern for analyzing the quality of water. It also helps to improve the efficiency and more protected to drink.

4. EMOTIONS: BEFORE / AFTER Before there is no technology to analyse the water quality so it cause problem in health issue. It caise disease such as diarrhoea, dysentery, hepatitis, typhoid, polio and cholera.. But now a days it is decreased because of Water monitoring system and methods of finding pure water,.

10. YOUR SOLUTION

SL

Using Advanced Artificial Intelligence seven significant parameters and developed models were evaluated based on some statistical parameters based on naïve bayes algorithm, K Nearest Neighbour(KNN), Support Vector Machine(SVM) and Linear regression algorithm,

8. CHANNELS of BEHAVIOUR

СН

1. ONLINE

Helps to notify the data preprocessing information.

8.2 OFFLINE

By attaining the standard quality of satisfy all parameter it is consider as pure water.

