

Team ID:	PNT2022TMID15978
Project Name:	Efficient Water Quality Analysis and Prediction using Machine Learning

LITERATURE SURVEY

S.NO	APPROACH	DESCRIPTION	AUTHOR	YEAR	ADVANTAGE	DISADVANTAGE
1.	Efficient Water Quality Prediction for Indian Rivers using Machine Learning.	The AI calculation is utilized for anticipating the outcome. For Example, Gradient Boost, Random Forest, Decision tree and Deep Learning Algorithms were used.	Yogalaxmi S Mahalakshmi A	2021	Elective Technique for AI foresees water quality utilizing negligible and effectively accessible water quality.	Incorporating the findings of this exploration in an enormous scope of IOT-based internet observing framework utilizing the sensors.
2.	Smart Urban Water Quality Prediction System using Machine learning.	A webpage interfaced with the Machine Learning model is created to upload sensor values and the corresponding water quality is predicted.	Bharat Singh, Nirmitha , Kaviya S	2021	This project can be used in urban areas to predict the quality of the drinking water of disease such as dysentery, typhoid due to the consumption of water.	The lifetime of the low cost sensors are less and might require the frequent purchase of few sensors. Internet connectivity and times may be a problem, since data won't be updated.