

Assignment 2.1

Develop a Flask-based UI to use the ML/DL model developed in the Assignment – 1. Upload your all the resources on GitHub.

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TOPIC – SDG 14 LIFE BELOW WATER

Water Quality Prediction Using Machine Learning

Objective of Assignment 2

Objective: Enhance the machine learning model and improve the functionality of the Flask application.

Model Improvement: Refining the model through hyperparameter tuning, feature selection, and potentially using more complex algorithms.

Flask Application Enhancement: Developing a more user-friendly, efficient web application for water quality prediction.



Water Quality Prediction

Temperature (°C):

436

pH Level:

63

Nitrate Level (mg/L):

634

Dissolved Oxygen (mg/L):

54

Salinity (ppt):

64

Predict



Prediction Result

Your predicted water quality is: {{ prediction }}

Go Back



