Report - Water Quality Analysis

This is the final report generated by the Deep Learning Model for Water Quality Analysis. This report helps to understand all the factors that affect water potability and train a machine learning model that can classify whether a specific water sample is safe or unfit for consumption.

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Parameters	Expected Values	Actual Values	Percentage Change
pH	7.08599	8.0	12.899%
Hardness	195.968072	214.0	9.201%
Solids	21917.441375	22018.0	0.459%
Chloramines	7.134338	8.0	12.134%
Sulfate	333.224672	356.0	6.835%
Conductivity	426.526409	363.0	-14.894%
Organic_carbon	14.357709	18.0	25.368%
Trihalomethanes	66.400859	100.0	50.6%
Turbidity	3.969729	4.0	0.763%

Water is Not Suitable for Drinking