**🚀 Problem Statement:**

Mumbai’s drainage creeks, which carry excess water, reflect the same pollution levels as the city’s water supply, making them key indicators of contamination. These water bodies suffer from untreated sewage, industrial discharge, and urban runoff, affecting public health and water management. Accurate monitoring and predictive insights are essential to prevent further deterioration and ensure safe water for consumption.

**🔹 Proposed Solution:**

Our AI-powered solution combines machine learning for water quality prediction and IBM Watsonx.ai for AI-driven insights to forecast pollution trends, detect contamination levels, and recommend preventive actions. By analysing historical water quality data from multiple sources, our system provides real-time alerts and predictive insights to support clean water management and pollution control.