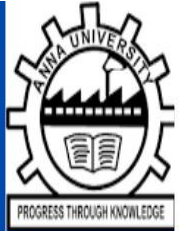




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AQUATIC INSIGHTS :COGNOS-POWERED WATER PORTABILITY ANALYSIS

DATA ANALYTICS

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INTRODUCTION

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- The "AQUATIC INSIGHTS" project aims to revolutionize water portability analysis through the integration of IBM Cognos .
- Access to clean and safe drinking water is a fundamental human right, and ensuring water quality is essential to public health and environmental sustainability.
- Traditional methods for monitoring water quality are often time-consuming and require extensive manual labor.
- To address these challenges, our project leverages the advanced capabilities of IBM Cognos to create a data-driven solution for efficient and accurate water portability analysis.

ABSTRACT

- AQUATIC INSIGHTS seeks to integrate data from various sources, including sensors, labs, and remote monitoring stations.
- This integration enables a more holistic understanding of water quality by considering data from multiple points and sources.
- The project also intends to use predictive modeling to anticipate potential water quality issues.
- This proactive approach helps in preventing water contamination or degradation before it becomes a serious problem.

ADVANTAGES

- These include dissolved oxygen, turbidity, bioindicators, nitrates, pH scale and water temperature.
- Monitoring water quality helps to identify specific pollutants, a certain chemical, and the source of the pollution.
- Help to ensure that water supplies meet relevant health and safety standards, protecting consumers from potential harm.

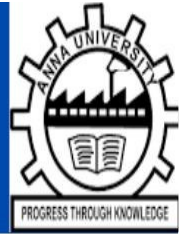
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CONCLUSION

- The project helps ensure compliance with water quality regulations and standards by providing an advanced system for data management and reporting.
- This is particularly important for regulatory bodies and water management organizations.
- And to enhance public awareness of water quality issues by making water quality data accessible to the public through various interfaces.
- This transparency can empower communities to take action and hold relevant authorities accountable for maintaining safe water supplies , enhance environmental sustainability, and contribute to the broader goal of ensuring access to clean water resources for communities worldwide.



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THANK YOU