Hello Team Wathare Infotech Solutions,

I am thrilled to present my developed Assignment application using Node.js and React.js, incorporating File IO Third party Location and weather API

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**Git repository Link:** [**https://github.com/Shinde2177/WathareAssignmentProject**](https://github.com/Shinde2177/WathareAssignmentProject)

**Title:**

### **[Data Analytica](https://analytica.de/en/)**

Application is a web-based Data analysis platform facilitating seamless Data visualization to users. It offers to display data in tabular as well as diagrammatic format.

# Key Features:

1. **Uploading Data :** Leveraging File Io, application enable to upload .json file to the server and further entries makes to database.
2. **Data Retrieval:** Data stored to database MySQL is rendered to front end and converted into diagram format and Summary of data in table format.
3. **Simple User Experience:** With a clean and intuitive interface, users can effortlessly navigate and interact with chat features.

# Technology Stack:

* **Frontend:** React.js, Bootstrap
* **Backend:** Node.js, Express.js
* **Database:**MySQL
* **Third Party API:** www.weatherapi.com

# Future Improvements:

* **Enhanced Features:** Implementation of different charts on basis of data
* **UI/UX Enhancement:** Continuously improve the user interface design to enhance overall user experience and usability.

**My Learnings:**

* **Clear understanding of the problem statement helps me work efficiently.**
* **Quick learning enhances task execution speed.**
* **Utilize Node.js for robust server capabilities.**
* **Continuous improvement in skills and processes.**

# Thank you team for considering my project. I am confident that my Application demonstrates my skills and capabilities effectively, I have also developed other full stack applications using react.js, Spring Boot, MySQL etc techs. I would like to give you a demo of this projects also and we look forward to the opportunity to discuss it further with you.

**Thank You !**