Wathare Infotech Solutions

Regd. Address: Sneh, Plot No. 38, Pawar Colony, Shahupuri, Satara 415002

Office Address: Plot No. E-3/4, MIDC, Satara 415004 Email ID: <u>info@wathare.com</u> I Contact No.: 9423865420

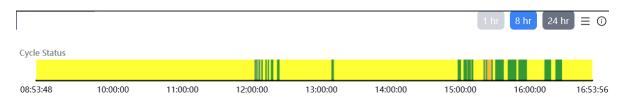




Plot the UI as below with using shared raw data.

Technology - MERN stack. Git. REST API.

UI Sample -



Considerations -

- a. Import raw sample data set to a DB Collection.
- b. This is on a horizontal time scale.
- c. Timestamp is mentioned in the sample raw data.
- d. Plot yellow if sample is 0. Plot green if sample is 1. Plot red if sample is missing.
- e. Generate a summary in tabular format -> number of 1s, number of 0s, continuous 0s and 1s variations.
- f. Write an API to filter the data from time to time (hour to hour with specifying starting time; with frequency ranging hour-day-week-month).
- g. Integrate a third-party API to use location and related temperature from the internet.
- h. BONUS Write a sample generation simulator in any desired language.
- i. EXPECTED Code is published to GitHub in a public repository.

SAMPLE DATA - sample-data.tgz