

Task-2 Answer:

Resolving the issue of charts not updating in real-time as new data arrives involves a systematic approach to troubleshooting and implementing a solution. Here is a step-by-step guide

Ensure that the Rest API is indeed sending updated data when changes occur. use tools like postman or thunderbolt or browser developer tools to inspect the api responses and confirm that the data is changing as expected.

if the component is not updating expected. review how the state is being updated. Ensure that the new data is triggering a state change. consider using useState hooks to properly update the component state with the new data.

Utilize React's useEffect hook to handle side effects, such as fetching data from the API. make sure the useEffect hook is set up to run whenever there is a change in the data that should trigger a re-render.

or If I use React tan-stack-query then I'll check the refetch() function is calling when data is changed or update.

By systematically checking each of these steps and addressing any issues found, you can troubleshoot and resolve the problem of charts not updating in real-time as new data arrives from the API.