

Question: You are working on a dashboard using ReactJS and Tailwind CSS. The dashboard displays data charts which are fetched from a REST API. However, the charts are not updating in real-time as new data arrives from the API.

Answer: To achieve real-time updates in my ReactJS project when new data arrives from the API, I can use state management and a way to update new data. One popular state management library for React is Redux, but React has a built-in hook 'useState()', which can be used. And to update new data we can use React built-in hook 'useEffect()' to set a dependency and when the dependency changes we can update new data.

```
const [chartData, setChartData] = useState();
```

```
useEffect(() => {  
  const fetchData = async () => {  
    try {  
      const data = await fetchDataFromAPI();  
      setChartData(data);  
    } catch (error) {  
      console.error(error);  
    }  
  }  
};  
  
  fetchData();  
  
}, [dependency]);
```

or we can simply fetch data and update it by using an interval

```
useEffect(() => {  
  const fetchData = async () => {  
    try {  
      const data = await fetchDataFromAPI();  
      setChartData(data);  
    } catch (error) {  
      console.error(error);  
    }  
  }  
};  
  
  fetchData();  
  
  const intervalId = setInterval(fetchData, 5000);  
  
  return () => clearInterval(intervalId);  
  
}, []);
```