React Js
Data Flow

The way **data** is passed

• **Child to Child:** Using Context API
Context API enables indirect
communication between components,
creating a shared context.

It's useful for avoiding prop drilling
and allowing components at different
levels to access shared data.

The way data is passed

• **Parent to Child:** Using Props Data is passed from parent components to child components through props.

• **Child to Parent:** Using Callbacks (Lifting State Up) Child components communicate with their parent components by passing callback functions as props, lifting state up in the component hierarchy.

Other Ways

• **Using Context API :** The Context API is not limited to child-to-child communication.

It can also be employed for broader state management, providing a shared context accessible by multiple components.

• **State Management** Libraries (e.g., Redux, MobX)
State management libraries centralize and manage application state, enabling communication between components regardless of their position in the component tree.

FOLLOW