1. **Need & Benefits of Component Lifecycle**:

Lifecycle methods let React class components run code at specific points (like fetching data after the component mounts).

1. **Lifecycle Hooks**:

* constructor() – initialize state
* componentDidMount() – fetch data
* render() – output UI
* componentDidCatch() – handle errors

1. **Sequence of Lifecycle Execution**:

* constructor()
* render()
* componentDidMount()
* componentDidCatch() (on errors)