**React - Key concepts**

**Imperative paradigm** - directly change individual parts in DOM

1. **Declarative paradigm – (react) –** changing the dom was intuitive and react takes care of dom by itself – just tell react what should be done and don’t interact with dom directly
2. **Re-usable small components** and component within components (architecture)

**Components are js functions which receives inputs or attributes (props) and returns html like js**

1. **Uni-directional data flow**

**State :** object that has all the data of the app

( react , reacts to changes in state) Virtual Dom(js version)

**Component(function)** html like syntax inside js --- **JSX Actual DOM(web page)**

**Data can only move down** ( not up , data movement just in one direction in our app)

1. React is an **UI Library –**(not a complete framework) – only focuses on UI – UI may be anything (apps can be developed for mobile,VR, Electron and desktop)

**React Developer**

* + - * + ***Decide on components***
        + ***Decide the state and where it lives***
        + ***What changes when state changes***