**React :**

React is a JavaScript Library for building UI for web applications, mobiles applications with react native and desktop applications using electron.

React is a declarative, efficient, and flexible JavaScript library for building user interfaces. It lets you compose complex UIs from small and isolated pieces of code called “components”.

Why?

* UI state is difficult to manage because of the DOM traversal, picking the right element and putting the required data into the element is way cumbersome for enterprise applications.
* Focuses on business logic instead of DOM traversal.
* Active community, huge eco system and high performance we applications.

**Using a Build workflow**

Recommended for SPA and MPA,

Why?

* optimize our code (bundling, building, use),
* Next gen features while development (Less error prone and better readability, JSX support)
* More productive (CSS auto-prefixing, linting)

How?

* Need Dependency management NPM or Yarn (ract-dom, react, babel)
* Use bundler (for concatenating, bundling of JS and CSS, Webpack)
* Use compiler for NextGen JS (Babel + presets)
* Use development server acts as web server for local (HTTP Server)

For building this workflow as a developer we need lot of time, instead just we can refer facebook’s create-react-app github repo for the details, and follow the instruction below steps

* Npm install -g create-react-app
* Create-react-app <project-name> [for specific version of folder structure “—script-version <version-numbber(1.15)>”]
* cd <project-name>
* npm start