React

React is a Javascript library, created by Facebook for building web applications.
React provides a way to structure and manage complex web apps.
The building blocks of React are components. A React component combines Javascript logic, with HTML-like JSX markup.

The course shows how Javascript ES6 and React fit together. The command-line tools used to build React apps are introduced.

Prerequisites
The course is intended as an introduction to React.
We assume that you have an intermediate level understanding of Javascript.

The course runs from 9.30 am to approximately 4.30 pm.
Duration: 2 day.

Overview
Combining reusable components into apps
Managing state and complexity
JSX markup inside React code
Functional programming

Components
The fundamental unit of a React App.
State within a component
Passing props into a component
Lifecycle events
Stateless components
Adding JSX markup to a component
Reusable patterns for composing components

Javascript and React
Javascript fundamentals How
ES6 and React fit together
Modules, classes
Working with external data

tools
Working on the command line
Create-React-App Transpilation: Babel
Build-tools: Webpack