

TECHNOLOGY



ReactJS

Course Introduction



Learning Objectives

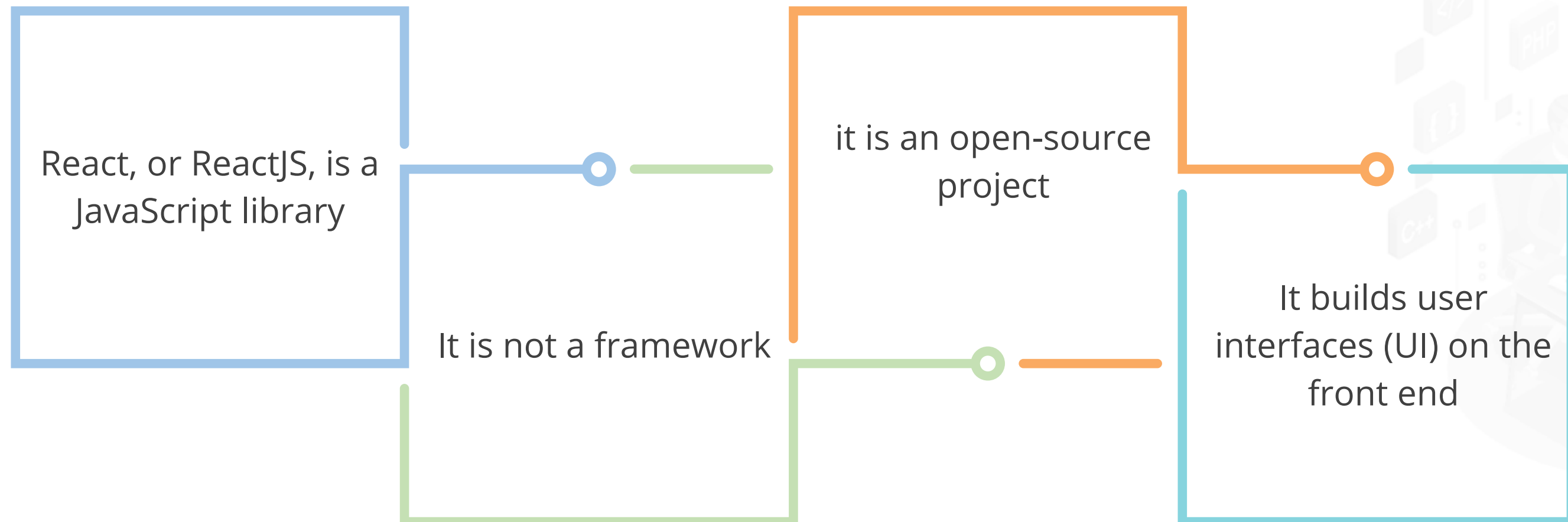
By the end of this course, you will be able to:

- 🕒 Identify the basic and intermediate concepts of React
- 🕒 Explain how to make API calls with React and Redux
- 🕒 Describe the React Hooks and async operations
- 🕒 Enumerate the steps for hands-on practice with React
- 🕒 Develop the skills to create a single-page application using React



What is React

Web applications today are dynamic and interactive. React is a popular tool that helps coders construct such applications. Some of its features are as follows:



Why do We Need React js



React is easy to maintain



React is fast and dynamic

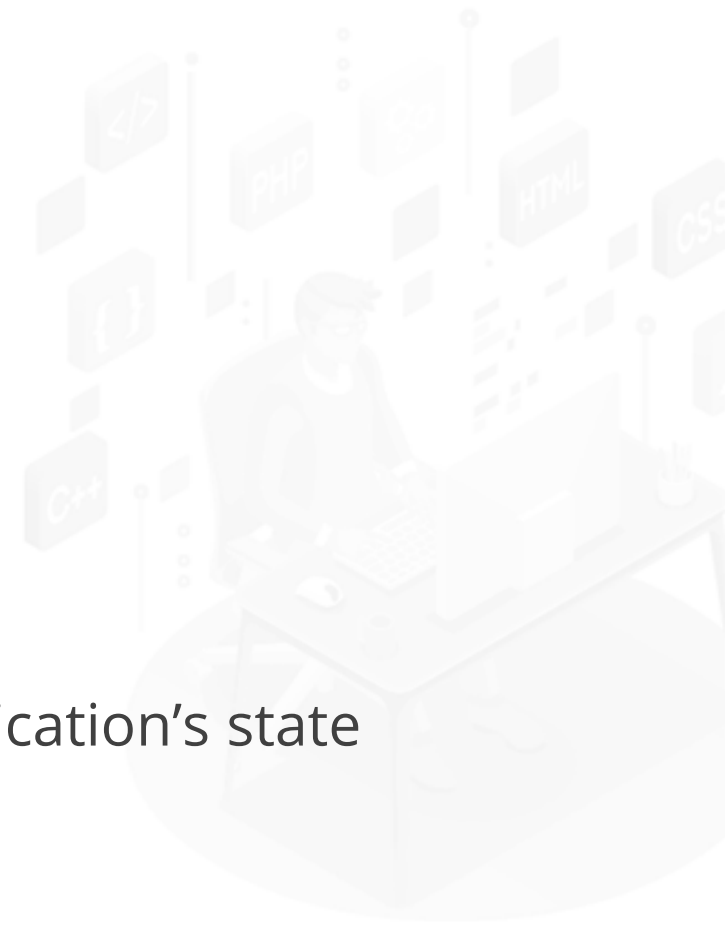
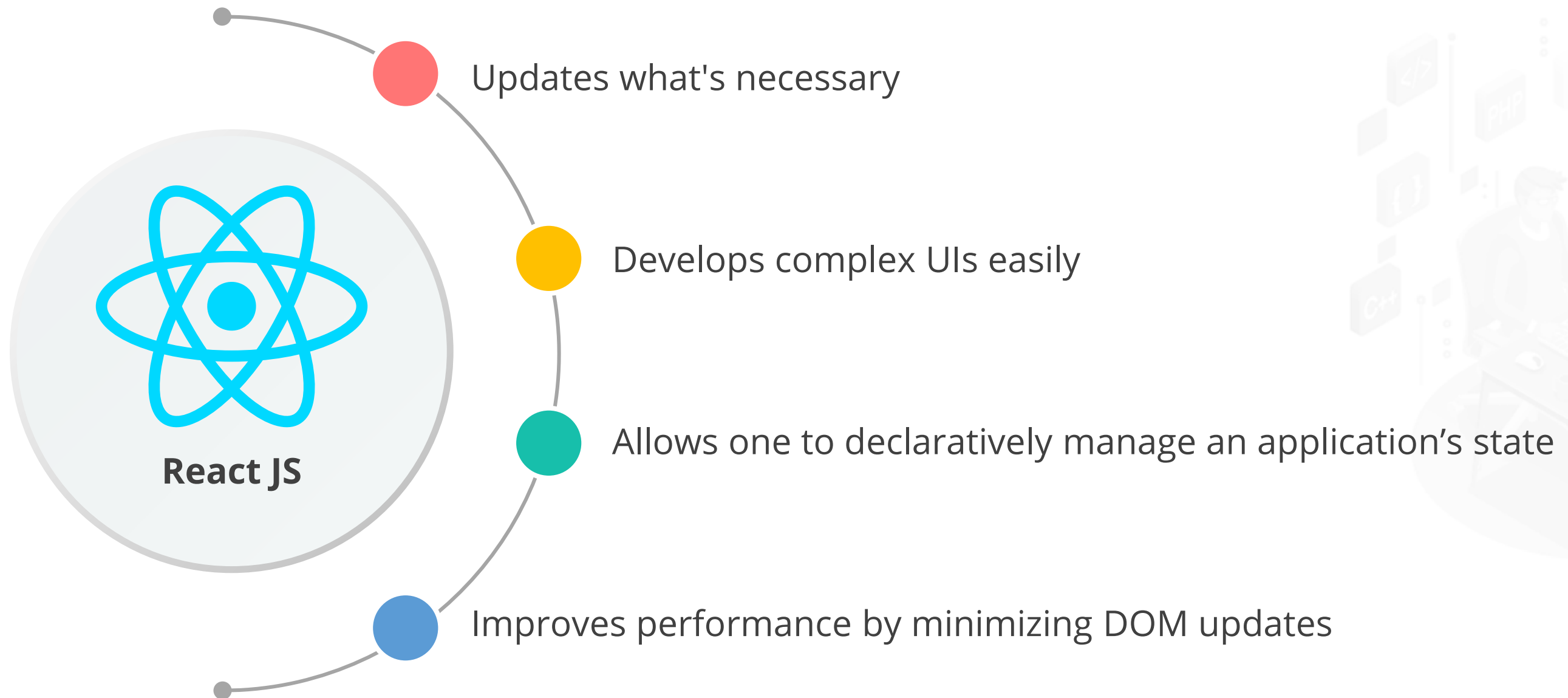


React is compatible with desktop, websites, and apps

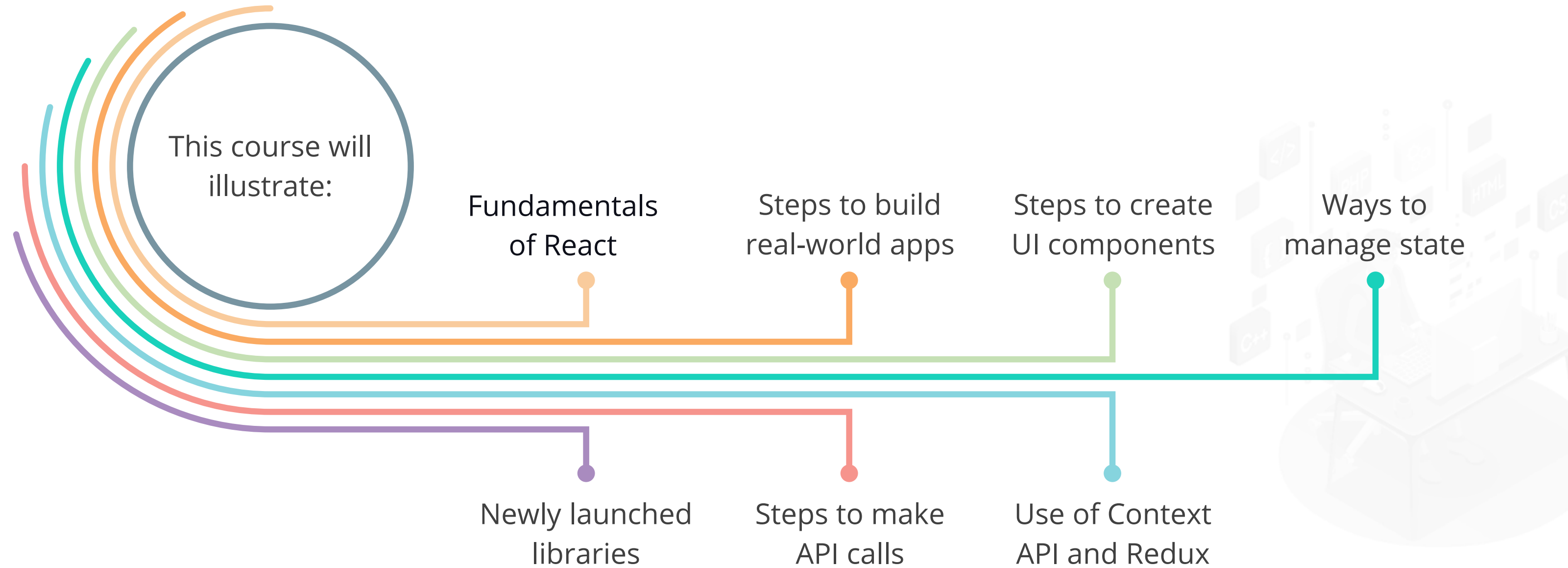


Importance of ReactJS

React is a popular tool among coders as it:



Skills in This Course



Target Audience

This course will be useful to the following learners:

Who want to learn React from scratch and become job-ready

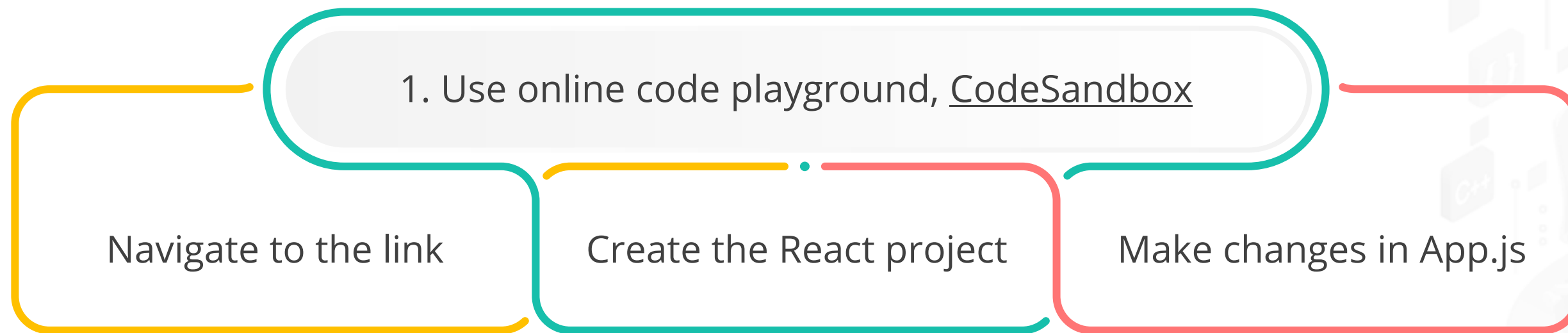
Who look forward to experts for their guidance and feedback

Who want to build real-world applications

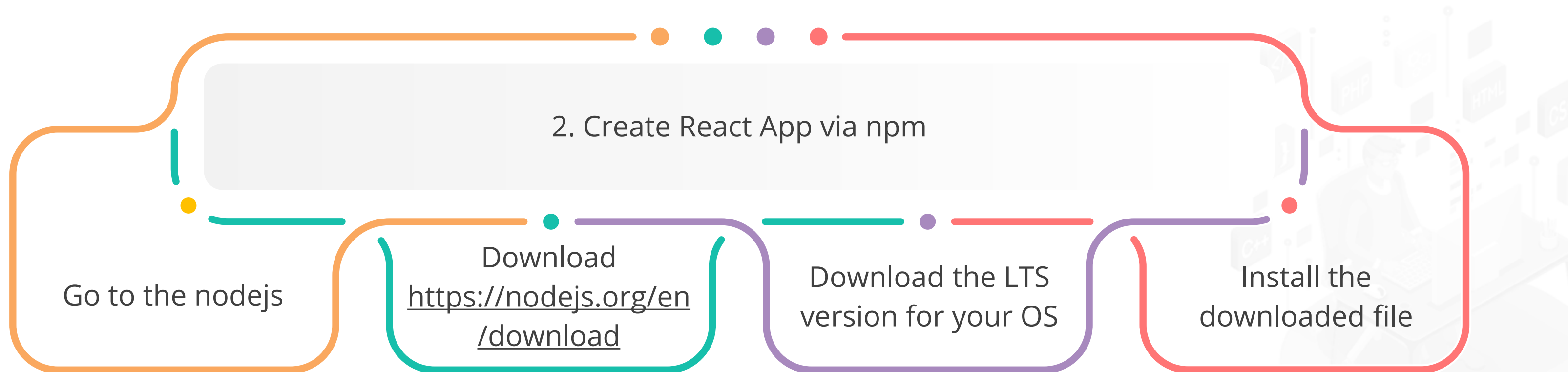


Steps to Set Up ReactJS Environment

There are two ways of setting up React in an operating system. These include:

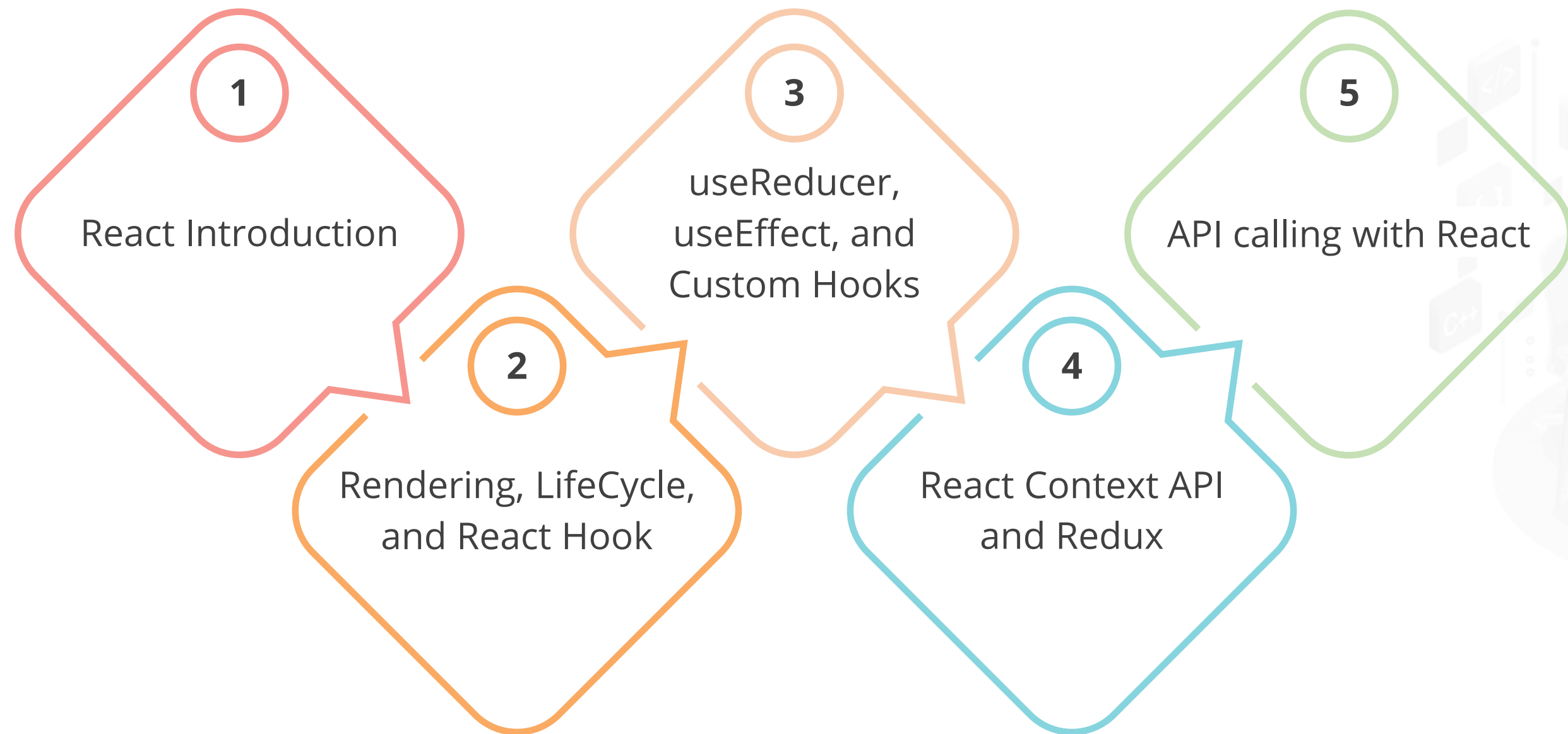


Steps to Set Up ReactJS Environment



Curriculum

The course curriculum can be divided into the following way:



Prerequisites

Coders must have the following prerequisites before they can write code using React:



Course Components

The course has many practical assignments along with the theories. As a result, it is equipped with different course components, such as:

