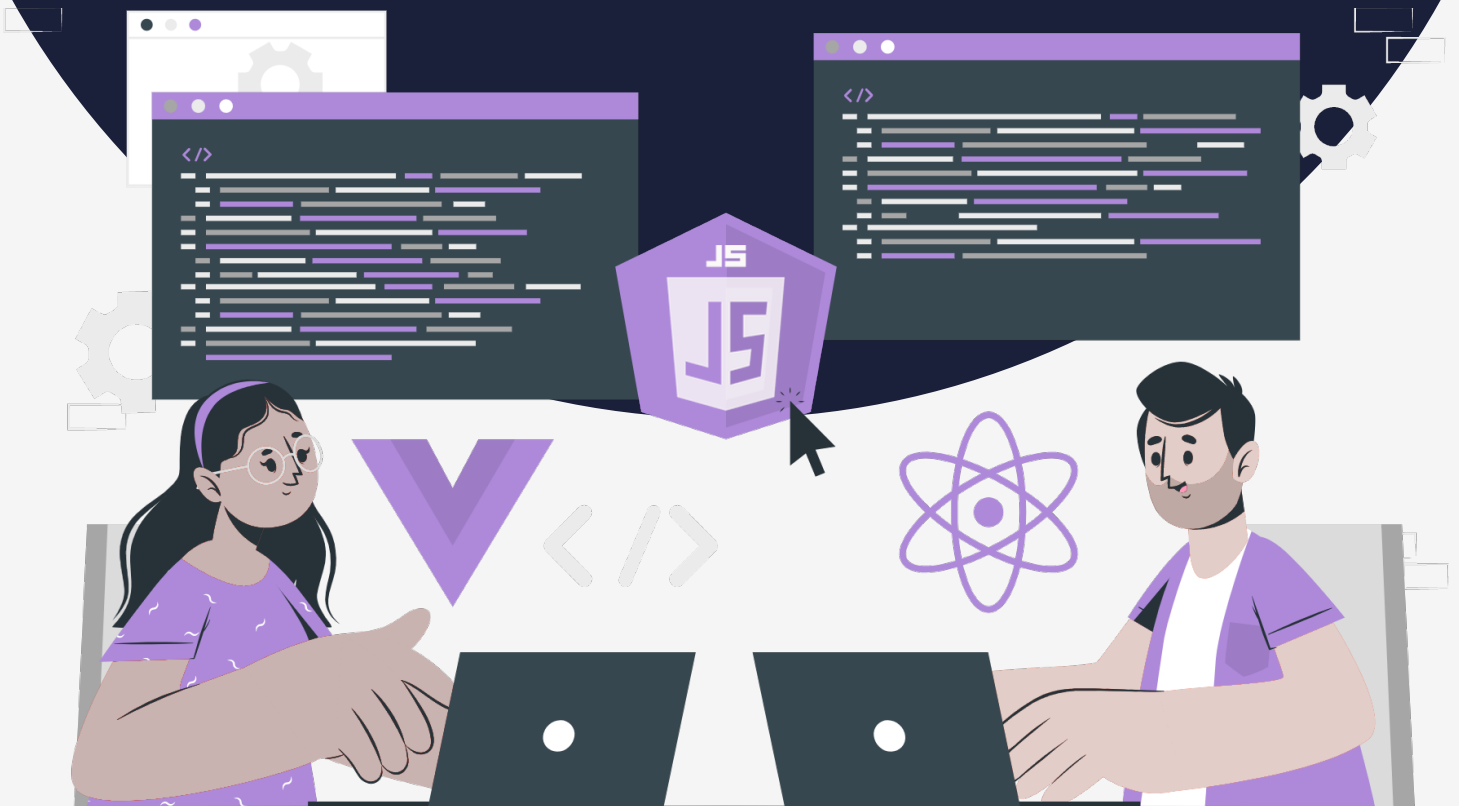# Lesson:

Background Of React

Topics Covered:

1. What is React
2. History
3. Google trend graph
4. Advantages of React

What is React
React is a frontend javascript library. It is an open source component-based library that is in charge of developing the application's view layer.
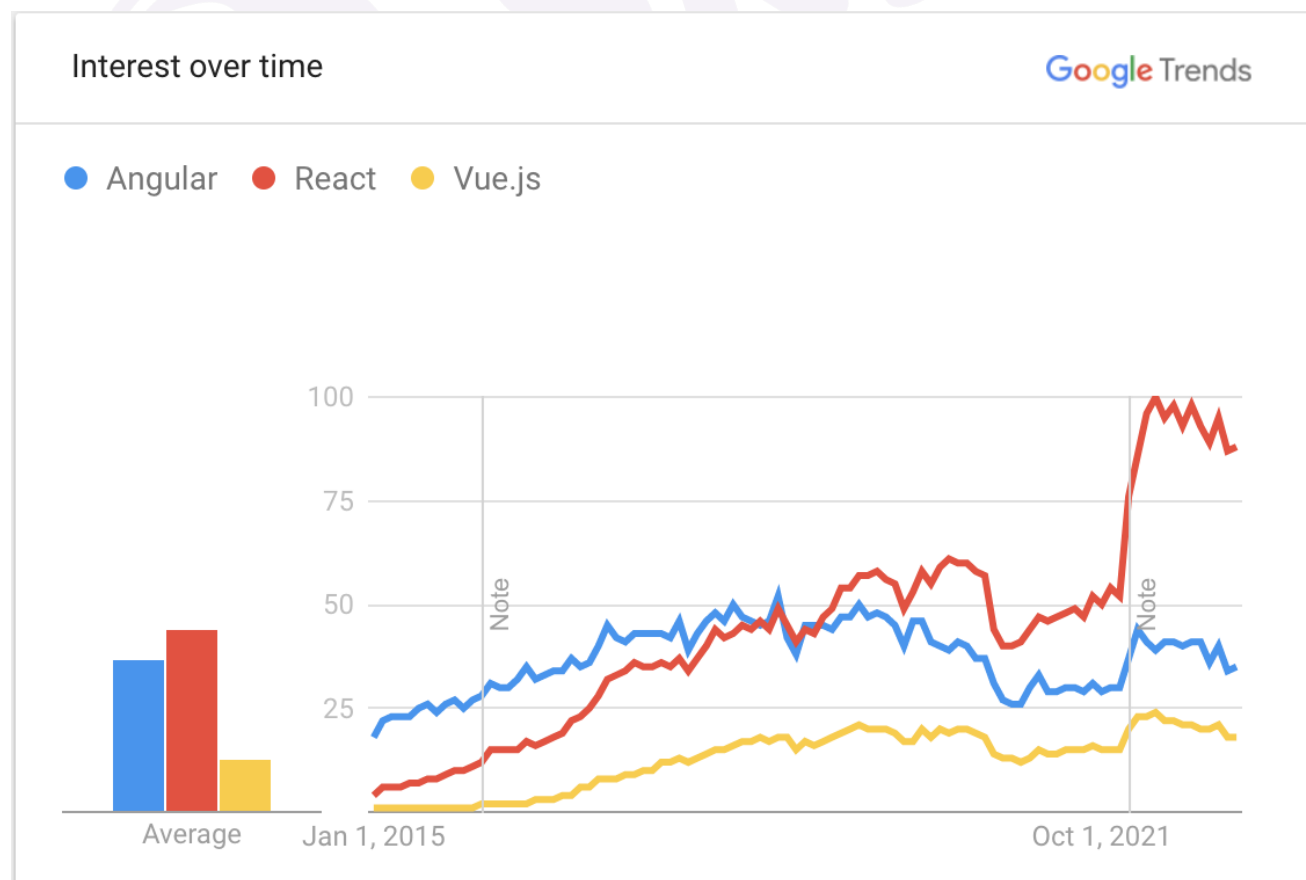
Since its initial release in 2013, React has become one of the most popular JavaScript libraries for UI development. It is notable for both its declarative approach to designing user interfaces, which makes it easier to reason about and debug, and its capacity to effectively alter the user interface in response to data changes.React 18 is the latest major React version released.

History
Jordan Walke, a Facebook software engineer who also revealed an early React prototype known as "FaxJS," is the creator of React..

React was first used in 2011 on Facebook's News Feed, and then in 2012 on Instagram. React JS is used by a lot of big companies today, like Netflix, Meta. It is well known for creating single page applications.

Trend Graph For React vs Angular Vs vue:

Advantages Of React
- React is easy to learn .
- The syntax of React is much like HTML which allows developers to create templates with detailed documentation.
- We can migrate one version to another easily.
- React is widely adopted and has a large and active community, which means that there are many resources and libraries available to developers.
- React follows a one-way data flow, which helps to manage and control the state of the application. We will learn more about this in upcoming lectures.
- React can be used with a variety of frameworks and libraries, making it a flexible choice for building web applications.