

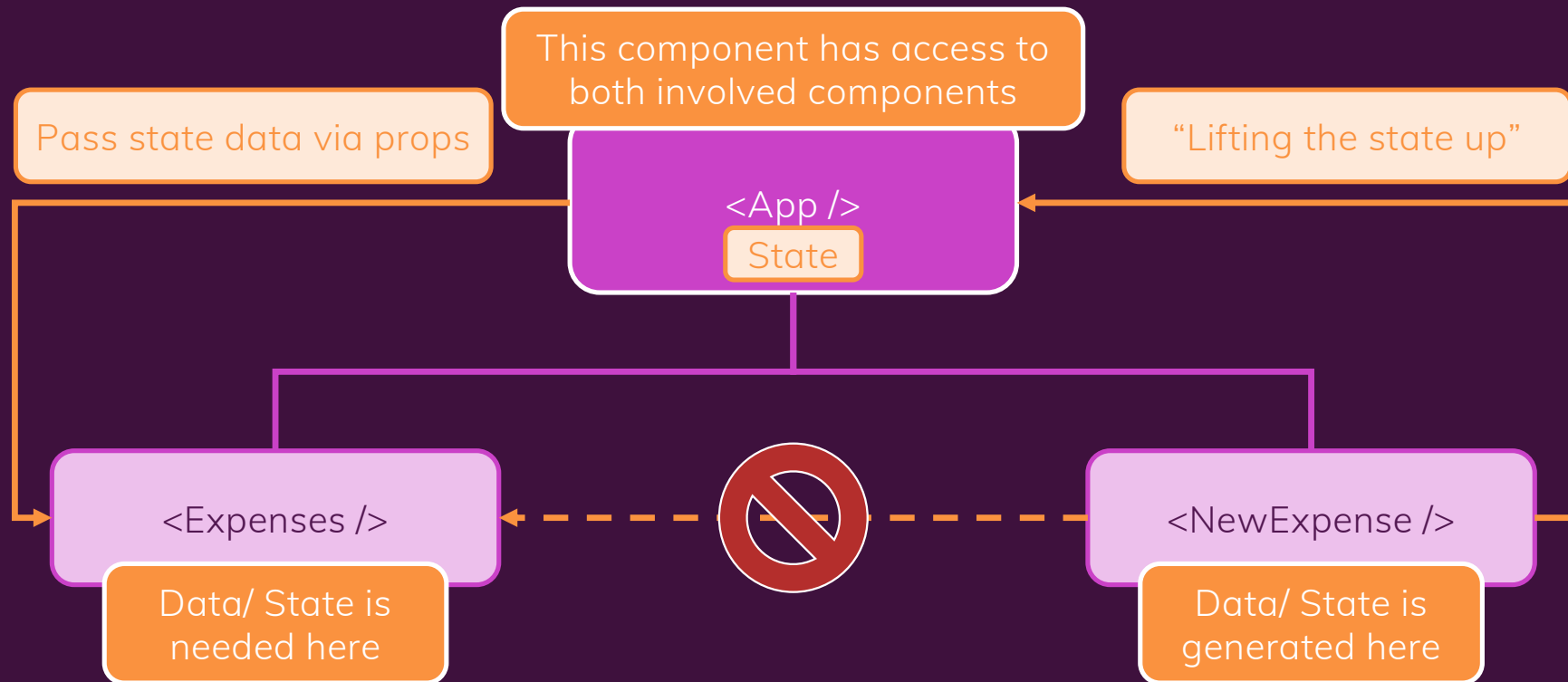
## Updating Data via “State”

By default, React **does not care about changes** of variables inside of components. It does **not re-evaluate** the component's JSX markup.

“State” is data **managed by React**, where changes of the data do **force React to re-evaluate** (“re-render”) the component where the data changed.

**Child components** of components where state changed are **also re-evaluated**.

# Lifting State Up



# Stateful vs Stateless Components

## Stateful Components

React components that manage internal state

Typically, you have only a couple of these

Also called “smart” components or “containers”.

## Stateless Components

React components which only (possibly) use props, output JSX and add styling.

Typically, you have plenty of these.

Also called “dumb” or “presentational” components.

# An Alternative Way Of Building Components

## Functional Components

JavaScript Functions which return JSX

React executes them for you (initially and upon state changes)

Use "React Hooks" for state management

## Class-based Components

JavaScript classes as blueprints for components.

render() method for outputting JSX (called by React)

Historically (React <16.8), the only way of managing state!