

Props:

- React is a [component-based library](#) that divides the UI into little reusable pieces. In some cases, those components need to communicate or send data to each other, and the way to pass data between components is by using props.
- Props is a special keyword in React that stands for properties and is used for passing data from one component to another. Data with props are passed in a unidirectional flow from parent to child.
- Props data is read-only, which means that data coming from the parent shouldn't be changed by child components.

PropTypes:

- serves as the method you can use to ensure the correct datatype is passed for each prop, meaning whatever is rendered is correct. It can also be used to ensure a value is passed, set default values, and lots more.
- In plain terms, it is used as a validator to ensure the data your component receives is valid

Default Props:

- The defaultProps is a React component property that allows you to set default values for the props argument. If the prop property is passed, it will be changed. The defaultProps can be defined as a property on the component class itself, to set the default props for the class.