**Codevolution Redux Toolkit Tutorial (YouTube)**

**>Approx. 200mins (31 lessons)**

**>Lessons 1 to 16 is about the redux library (not redux toolkit yet and not react yet)**

**>Lessons 17 to 24 is about redux toolkit (not react yet)**

**>Lessons 25 to 31 is about redux toolkit with react**

**>Lesson 31 is about using TypeScript**

1. Intro feat. React

-Redux is a predictable state container for JavaScript apps

-Redux is not tied to React (can also be used with Angular, Vue, and vanilla JavaScript)

-Redux stores the state of your application

-manage the global state of your application

-Redux Toolkit is the batteries included toolset for efficient Redux development

-Just Redux has some shortcomings:

* configuration can seem complicated
* other packages have to be installed for Redux to be useful
* Redux requires too much boilerplate code

-Redux Toolkit serves as an abstraction over Redux. Simplifies development

-When we use Redux Toolkit with React later, we will use the react-redux package

-Redux is used when you have large amounts of application state that are needed in many places in the app, when the app state is updated frequently over time

-We will learn Redux first, then Redux Toolkit, then Redux Toolkit with React (using react-redux)

2. Getting Started

-make sure node.js is installed on computer

-make redux-course folder on desktop, in there made redux-demo folder

-**npm init –yes** to generate package.json file

-**npm install redux**