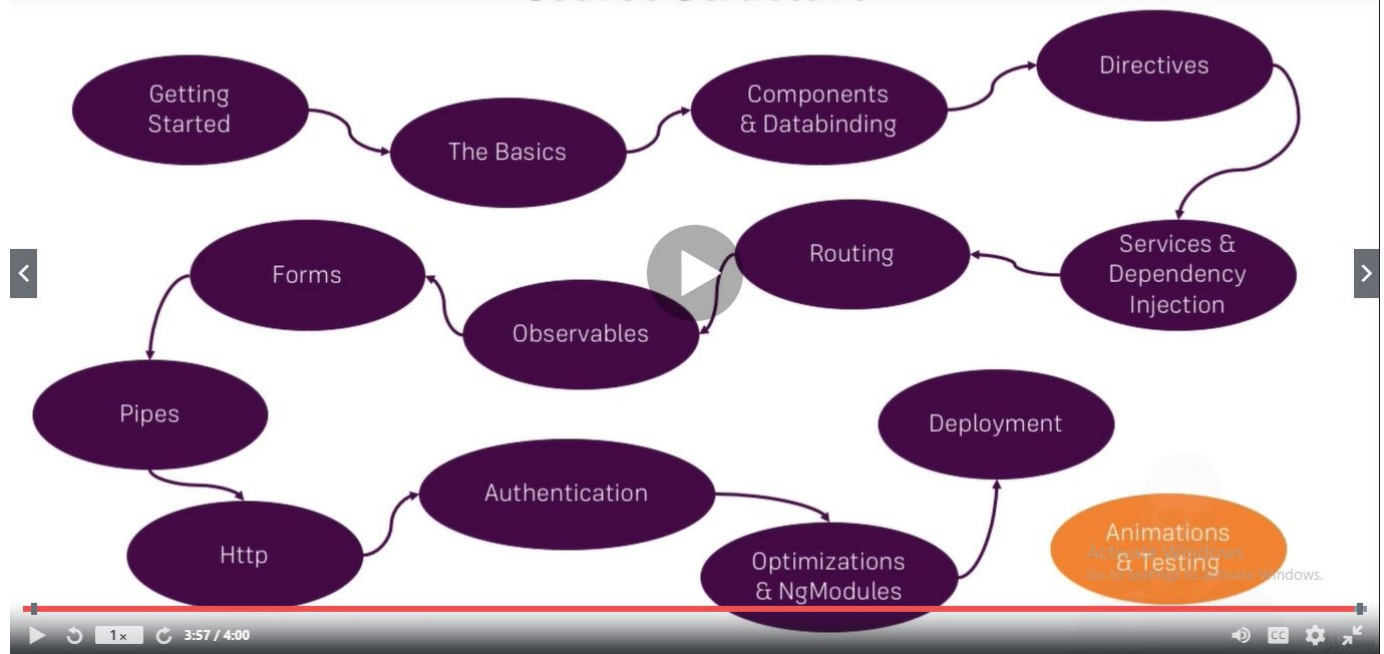# This Course uses TypeScript

TypeScript is the main language used by the official Angular team and the language you'll mostly see in Angular tutorials. It's a superset to JavaScript and makes writing Angular apps really easy. Using it ensures, that you will have the best possible preparation for creating Angular apps. Check out the free videos for more information.

TypeScript knowledge is, however, not required - basic JavaScript knowledge is enough.

Why Angular?

Angular is the next big deal. Being the successor of the overwhelmingly successful Angular.js framework it's bound to shape the future of frontend development in a similar way. The powerful features and capabilities of Angular allow you to create complex, customizable, modern, responsive and user friendly web applications.

Angular 11 simply is the latest version of the Angular framework and simply an update to Angular 2.

Angular is faster than Angular 1 and offers a much more flexible and modular development approach. After taking this course you'll be able to fully take advantage of all those features and start developing awesome applications immediately.

Due to the drastic differences between Angular 1 and Angular (=Angular 10) you don't need to know anything about Angular.js to be able to benefit from this course and build your futures projects with Angular.

Get a very deep understanding of how to create Angular applications

This course will teach you all the fundamentals about modules, directives, components, databinding, routing, HTTP access and much more! We will take a lot of deep dives and each section is backed up with a real project. All examples showcase the features Angular offers and how to apply them correctly.

Specifically you will learn:

- Which architecture Angular uses
- How to use TypeScript to write Angular applications
- All about directives and components, including the creation of custom directives/ components
- How databinding works
- All about routing and handling navigation
- What Pipes are and how to use them
- How to access the Web (e.g. RESTful servers)
- What dependency injection is and how to use it
- How to use Modules in Angular
- How to optimize your (bigger) Angular Application
- An introduction to NgRx and complex state management
- We will build a major project in this course so that you can practice all concepts
- and so much more!