

ANGULAR2



Course Curriculum and Duration:

About INNOVATIVE ACADEMY

INNOVATIVE ACADEMY is a best training institute in Bangalore. We providing classroom led training live instructor-led interactive online training and cooperate training. We cater to professionals and students across the globe in categories like AWS, Angular JS, JAVA, DOT NET, MCSA, CCNA, A+, N+, Databases, VMware, Mobile Technologies, Project Management and Programming.

About Course

INNOVATIVE ACADEMY's Best AngularJS Training in Bangalore is designed so Innovative to help clear understanding on Angular2. You will gain excellent knowledge on AngulaJS basics concepts, controllers and scopes, data binding, directives, filters, components and modules and Dependency injection.

Course Curriculum and Duration:

We provide both Class-room Training and Offline Training.

Duration: 60Hrs.

Week days (Mon- Fri 2Hrs per day)

Weekend batches (Sat-Sun 4Hrs per day)

Angular2 Training Syllabus

Chapter 1: Introduction to Angular 2

- What is Angular2?
- Features of Angular2
- Angular 2 vs AngularJS
- Installing and using Angular 2
- Basic Angular 2 Application
- Angular 2-Architecture

Chapter 2: Introduction to Typescript

- TypeScript Syntax
- TypeScript -Types
- TypeScript –Variables
- TypeScript-Arrays
- TypeScript-Function
- TypeScript- classes and objects
- TypeScript- Modules
- TypeScript-Inheritance
- TypeScript –Interface
- TypeScript-Decorators
- Transpiling TypeScript
- TypeScript-Generics

Chapter 3: Component in Angular2

- What is component?
- Create First angular component
- Class ,Metadata,template
- The HTML Component Template
- Angular 2 nested Components
- Styling Angular 2 Components
- Component Decorator Properties
- Lifecycle Hooks

Chapter 4 : Data And Event Binding

- Binding Syntax
- Angular Attribute binding
- Property binding in angular2
- Style binding in angular2

- Angular2 event binding
- Two-Way Binding in angular2
- Input Binding Examples
- Binding Events
- Binding Events Examples

Chapter 5 : Structural Directives

- Structural Directives
- Adding and Removing Elements Dynamically
- ngIf Basic Syntax
- Looping Using ngFor
- Creating Tables with ngFor
- ngFor Local Variables
- Swapping Elements with ngSwitch
- ngSwitch Basic Syntax
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Chapter 6: Service And Dependency Injection

- What is a Service?
- Creating a Basic Service
- What is Dependency Injection?
- Why Dependency injection
- Angular singleton service
- Angular injector
- Angular root injector
- Angular router navigate method

Chapter 7: HTTP CLIENT

- The Angular HTTP Client
- Using The HTTP Client – Overview
- Setting up the Root Component
- Service Using Http Client
- Importing Individual HTTP Providers into Services
- Service Imports
- The Observable object type
- What does an Observable Object do?
- Making a Basic HTTP GET Call
- Using the Service in a Component
- Importing Observable Methods

Chapter 8: Pipes And Data Formatting

- What are Pipes?
- More on Pipes

- Using a Built-in Pipe
- Built-In Pipes
- Using Pipes in HTML
- Custom Pipe
- Custom Pipe Example

Chapter 9: Single Page Application

- What is a Single Page Application (SPA)
- SPA Workflow
- Traditional Web Application Capabilities
- Single Page Application Advantages
- SPA Challenges
- Implementing SPA's Using Angular 2
- SPA Using Angular Components
- SPA with Angular Components
- Implement SPA Using an Angular Component Router