Angular Training
Course Agenda

Lesson 01- What is Angular?

- Overview
- Introduction
- Angular Technology Stack
- Angular Library Components
- Key Takeaways

Lesson 02 - Introduction to TypeScript

- Overview
- The need for Typescript
- Installation Guide
- Nodemon
- String Template
- Var let and const Keyword
- Class Interfaces
- Object Destructuring
- Maps and Sets
- Key Takeaways

Lesson 03 - Angular Features

- Overview
- Introduction to Angular Features
- Key Takeaways

Lesson 04 - Building with Angular Components

- Overview
- Angular CLI
- Components
- Nested Components
- Deeper Nesting
- Angular Components Lifecycle
- Key Takeaways

Lesson 05 - Introduction to Bootstrap

- Overview
- What is Responsive Web Design
- Bootstrap 3
- Creating a Responsive Web Application
- Key Takeaways

Lesson 06 - Binding and Events
- Overview
- Template Model
- Binding
- Built in Directives
- Basics of Webpack and SystemJS
- Key Takeaways

Lesson 07 - Dependency Injection and Service
- Overview
- Dependency Injection
- Dependency Injection API
- Service Overview
- Creating a Service
- Key Takeaways

Lesson 08 - Directives

- Overview
- Angular Directives
- Types of Directives
- Built-in Angular Directives
- Custom Attribute Directives
- Custom Structural Directives

- Key Takeaways

Lesson 09 - Pipes

- Overview
- What are Pipes
- Built-in Pipes
- Custom Pipes
- Key Takeaways

Lesson 10 - Forms

- Overview
- Angular Form Benefits
- Template driven Approach
- Angular Validation
- Model driven Approach
- Key Takeaways

Lesson 11 - Routing

- Overview
- Routers
- Single Page Application
- NgModule
- Router Basics
- Parameter Routing
- Child Routes
- Router Lifecycle Hooks

- Key Takeaways

Lesson 12 - HTTP Promises and Observables

- Overview
- Working with RxJS
- Angular Interaction with HTTP Get
- HTTP Post
- Difference between Observables vs Promises
- Key Takeaways

Lesson 13 - Testing

- Overview
- Tools and Setup
- Testing Angular Class
- Angular Unit Testing with TestBed
- Testing Service
- Testing DOM
- E2E Testing
- Key Takeaways

For information on the course, visit: https://www.simplilearn.com/tableau-training-and-data-visualization-course

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