

Day 1 (Intro):

- * Why use TS, its benefits over JS

Day 2 (Compiler & configuration):

- * How TS compiler works
- * How to configure it
- * Watch mode
- * Strict Mode

Day 3 (Basic Types):

- * Using Types
- * Number, Strings & Booleans in TS
- * Object Types in TS
- * Array Types in TS
- * Tuples
- * Enum
- * Any
- * Custom Types
- * Functions in TS

Day 4 (Classes):

- * Why use classes
- * Create a Class
- * Private and Public Properties
- * Shorthand Initialization
- * Inheritance
- * Read-only Properties
- * Getters & Setters
- * Static Methods
- * Abstract Classes
- * Singletons

Day 5 (Interfaces):

- * Why use Interfaces
- * Using it with Classes

Day 6 (Advanced Types):

- * Intersection Types
- * Type Guards
- * Type Casting

Day 7 (Generics):

- * Generic functions
- * Constraints
- * Generic Classes

Day 8 (Decorators & Debugging):

- * Class decorators
- * Decorator factories
- * Multiple decorators
- * Decorator execution process
- * How to debug TS code on browser.