**Typescript training content- Duration
– 3 days – 24 Hours**

Pre-requisites
- Javascript

- What's new in ES6 & ES7 Javascript
- Understanding new variable types let & const
- Arrow functions
- Map & filter function
- Template/string literals
- Classes in JS
- Understanding closure in JS
- Understanding & creating modules
- Understanding Callbacks & Promises
- Exception Handling with typescript

- Introduction to TypeScript
- Why TypeScript instead of JavaScript?
- Installation & Setup
- Understanding tsconfig file
- Basic Types in Typescript
- Functions & parameter declarations
- Creating classes & interfaces
- Generics & Enums
- Iterators
- Modules & Namespaces
- Real world project demo with React