Why use TypeScript?

We use TypeScript because of the following benefits.

* TypeScript supports Static typing, Strongly type, Modules, Optional Parameters, etc.
* TypeScript supports object-oriented programming features such as classes, interfaces, inheritance, generics, etc.
* TypeScript is fast, simple, and most importantly, easy to learn.
* TypeScript provides the error-checking feature at compilation time. It will compile the code, and if any error found, then it highlighted the mistakes before the script is run.
* TypeScript supports all JavaScript libraries because it is the superset of JavaScript.
* TypeScript support reusability because of the inheritance.
* TypeScript make app development quick and easy as possible, and the tooling support of TypeScript gives us autocompletion, type checking, and source documentation.
* TypeScript has a definition file with .d.ts extension to provide a definition for external JavaScript libraries.
* TypeScript supports the latest JavaScript features, including ECMAScript 2015.
* TypeScript gives all the benefits of ES6 plus more productivity.
* Developers can save a lot of time with TypeScript.