Advantages:

1-TypeScript is known as object oriented programming. It has static types, modules and Interface which js doesn’t support those features. Those features make Typescript a good solution to build frameworks.

2-TypeScript checks static types at compile –time so this reduces the chances of getting errors at run –time also it can compile the .ts files into es3,es4,es5,es6.

3- Predictability – Using typescript once a variable is declared as a type it will be a type and won’t turn into ex:Boolean . Moreover the TypeScript supports keyword “any” like js when we use let const or var we don’t specify the type but it takes the type once its assigned a value.

Disadvantages:

It takes time to convert and after that to compile the code.