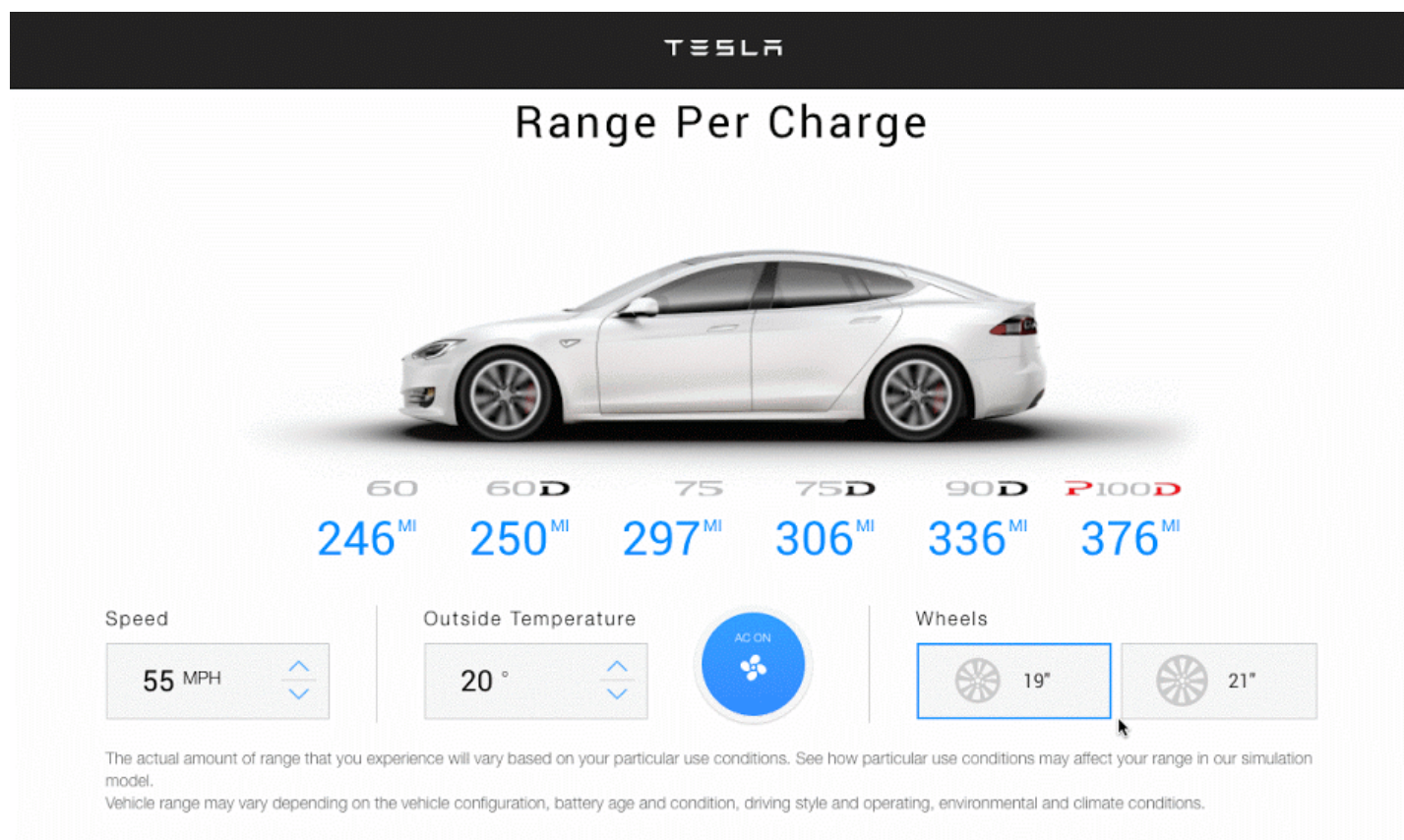# 1.1 Introduction

In this short course, I will walk you through the process of building Tesla's battery range calculator with React.

We'll build the React version of Todd Motto's Building Tesla's battery range calculator with Angular 2 reactive forms.

We will reuse some materials such as data, images, and css style (with Todd's permission of course). We will focus on rebuilding it in **React way**.

This is the final GIF image of our application.

🚀 Check out the live version before we get started.

💻 You can also check out the source code.

Note that you may need some basic React knowledge to follow this tutorial. See the following resources:

- React Official Documentation

- The Road to Learn React

- Become a data visualization engineer with React + D3v4

Now let's create the application step by step.