# Setting Up the Environment

Let's get started with the basics of Firebase.
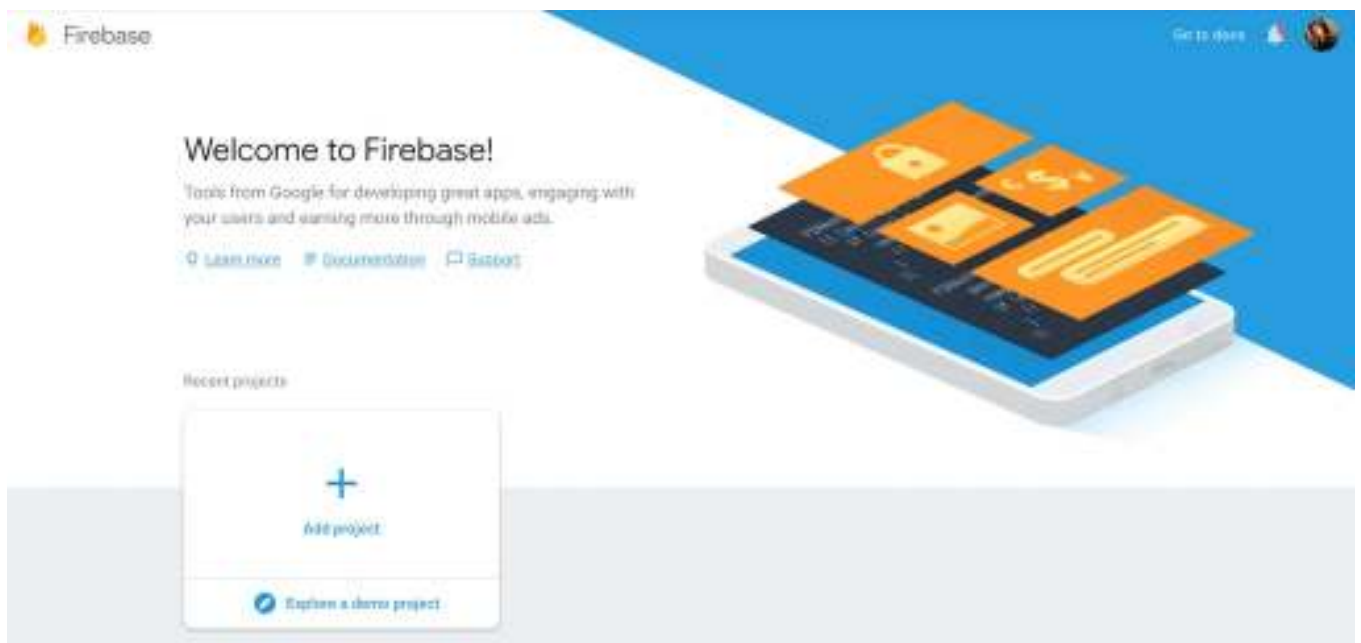
**WE'LL COVER THE FOLLOWING** ⌃

- Signing Up
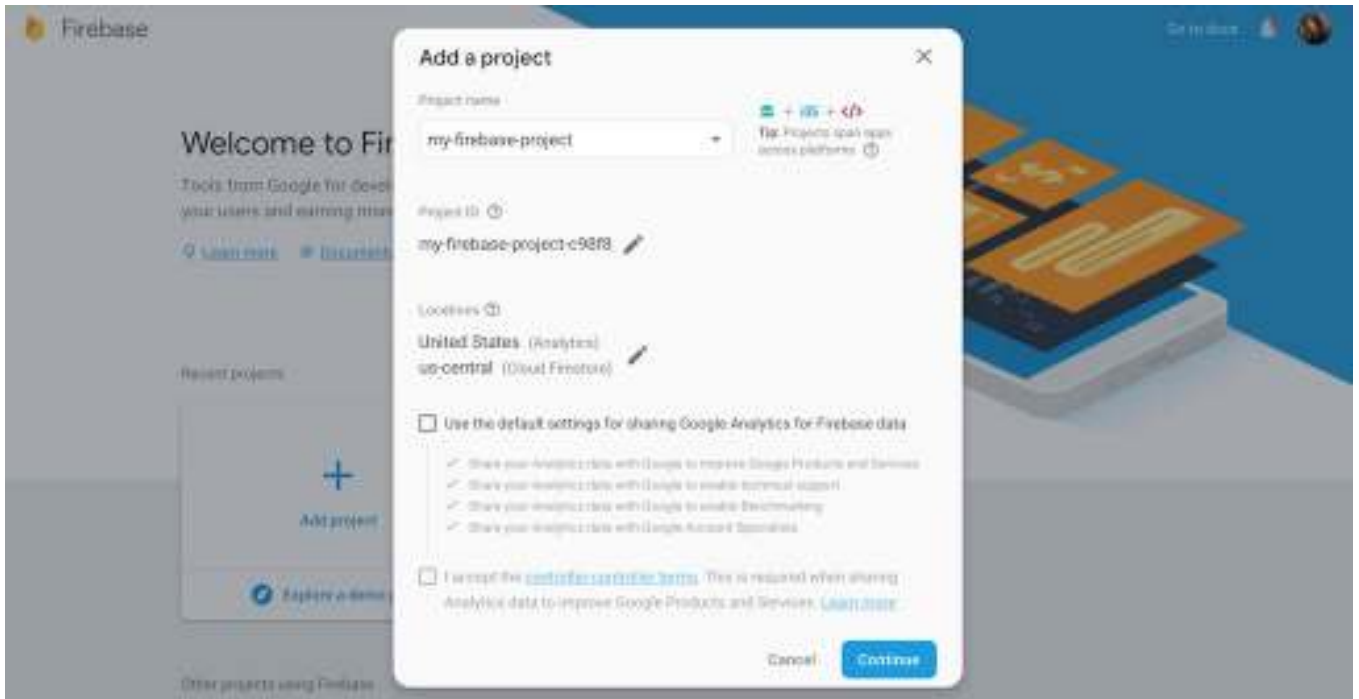- The Firebase Dashboard

The tutorial in this section will get us familiarized with the Firebase environment. This will serve as the platform for our React application.
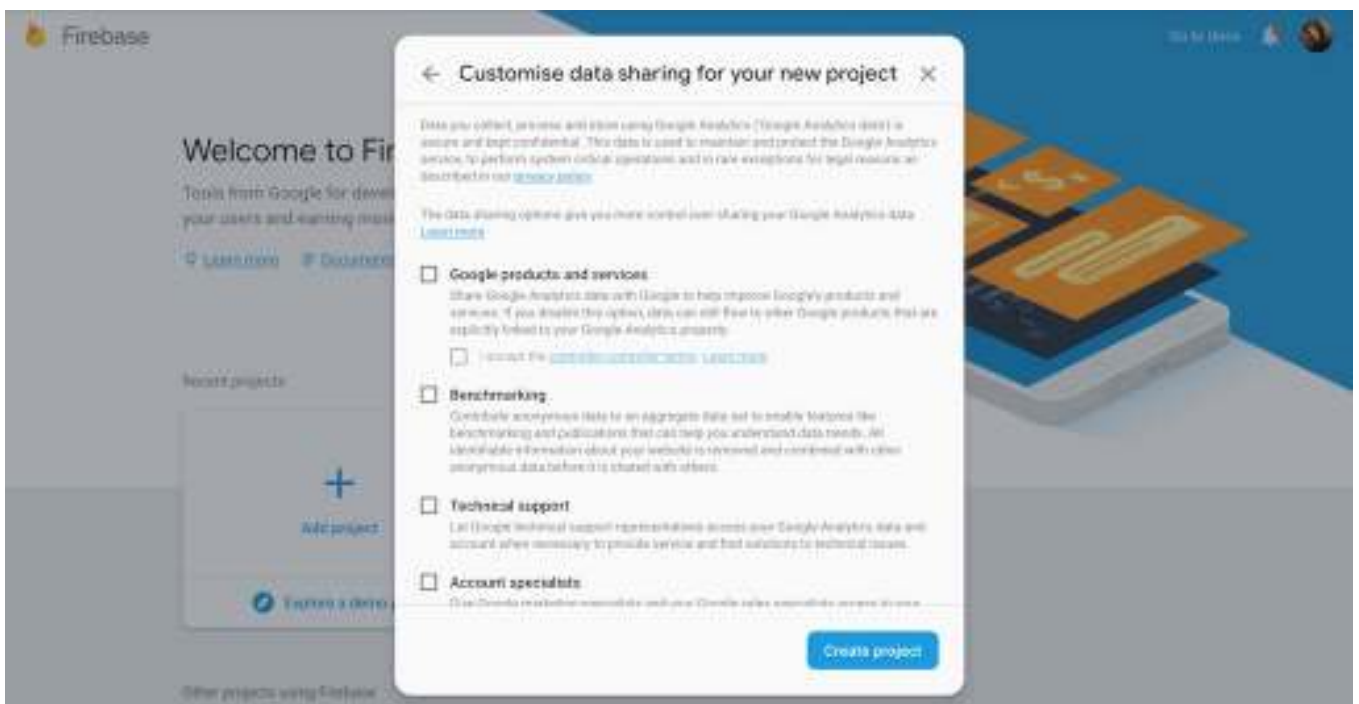
## Signing Up #

Let's start by creating a Firebase application with a Google Account. Hit the "Add Project" button to create a new Firebase project:



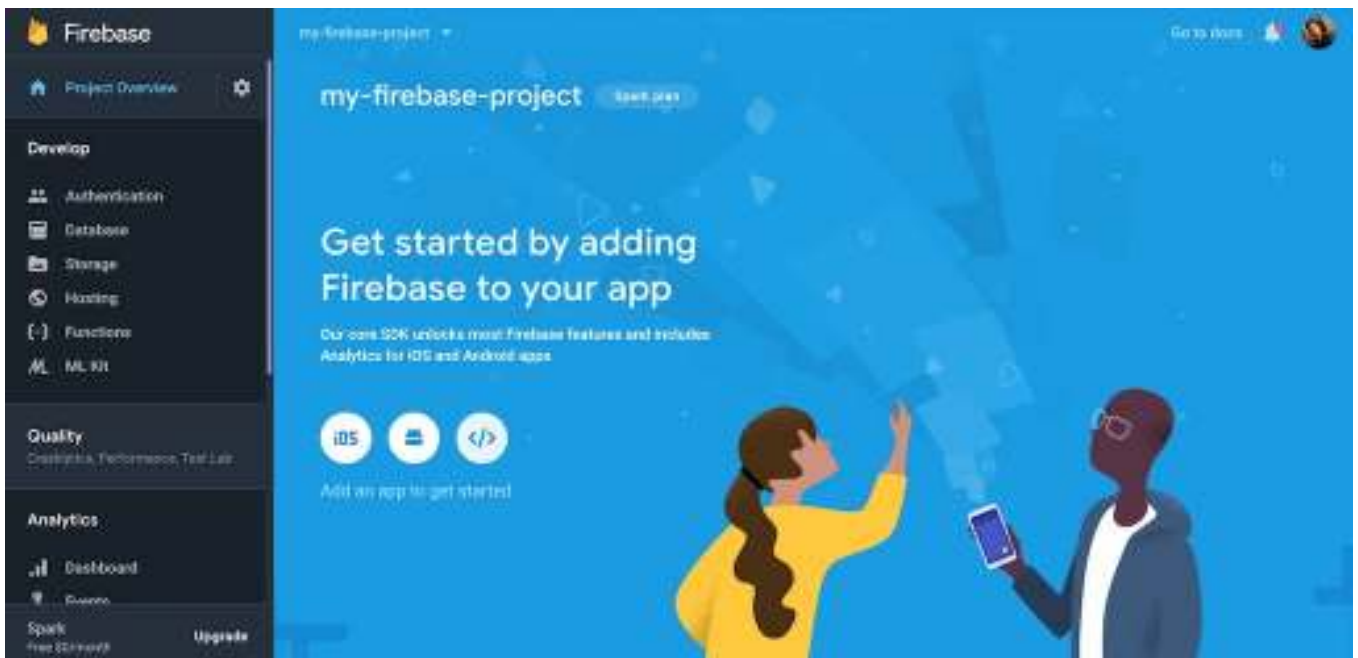Then, we'll give our project a remarkable name.

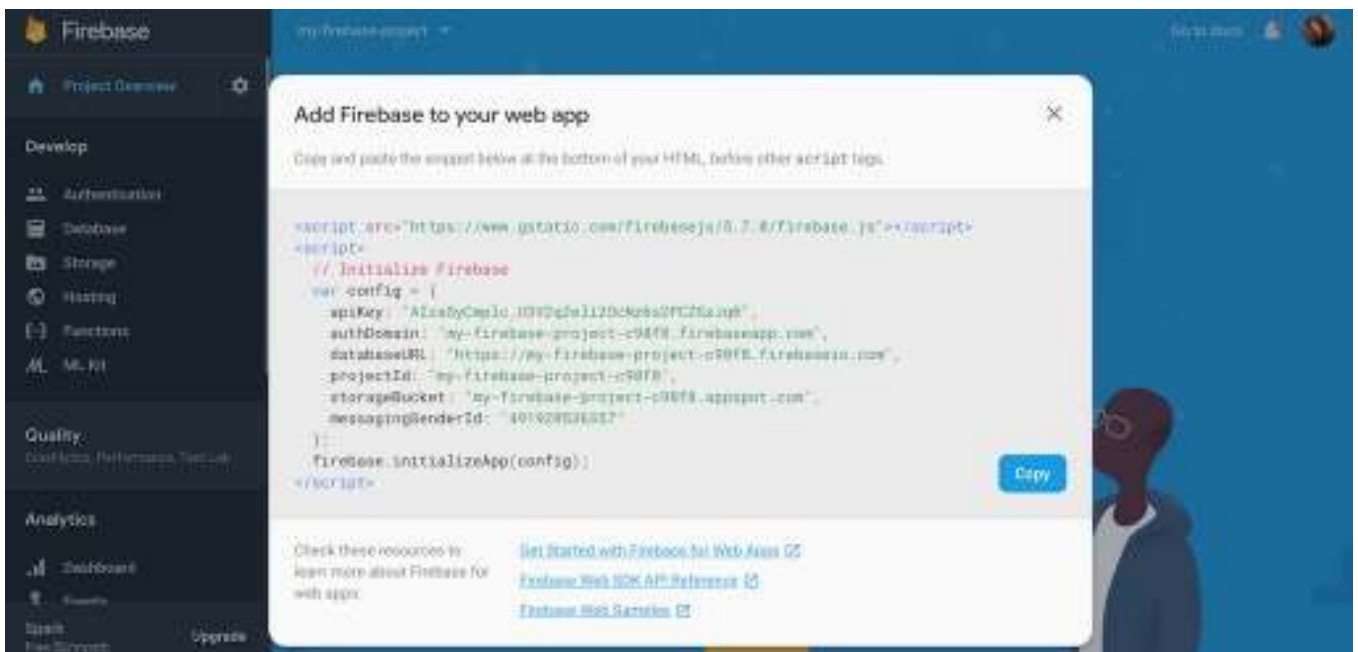It is up to us to share analytical insights in the form of data with Google.



Afterwards, it takes a couple of seconds to setup your Firebase project. Then we'll be directed to our **Firebase project's dashboard**.

# The Firebase Dashboard #

Above the "Add an app to get started" instruction, we will find three icons. With these icons, we can specify the operating system that our application will run on. The buttons are **iOS**, **Android**, and **web application** respectively.

Clicking the web application button shows us the Firebase Configuration that will be used to connect our application to the Firebase API.



It is recommended to store this sensitive data in the environment variables of our project. Even though this information is accessible in the client-side application, it's okay to have it publicly available. We'll need to protect our Firebase application with other mechanisms (Read/Write Rules, Domain Restrictions, etc.) in the future.

That's it for the initial Firebase setup with a configuration. In the next lesson, we'll learn about the **authentication mechanism** in Firebase.