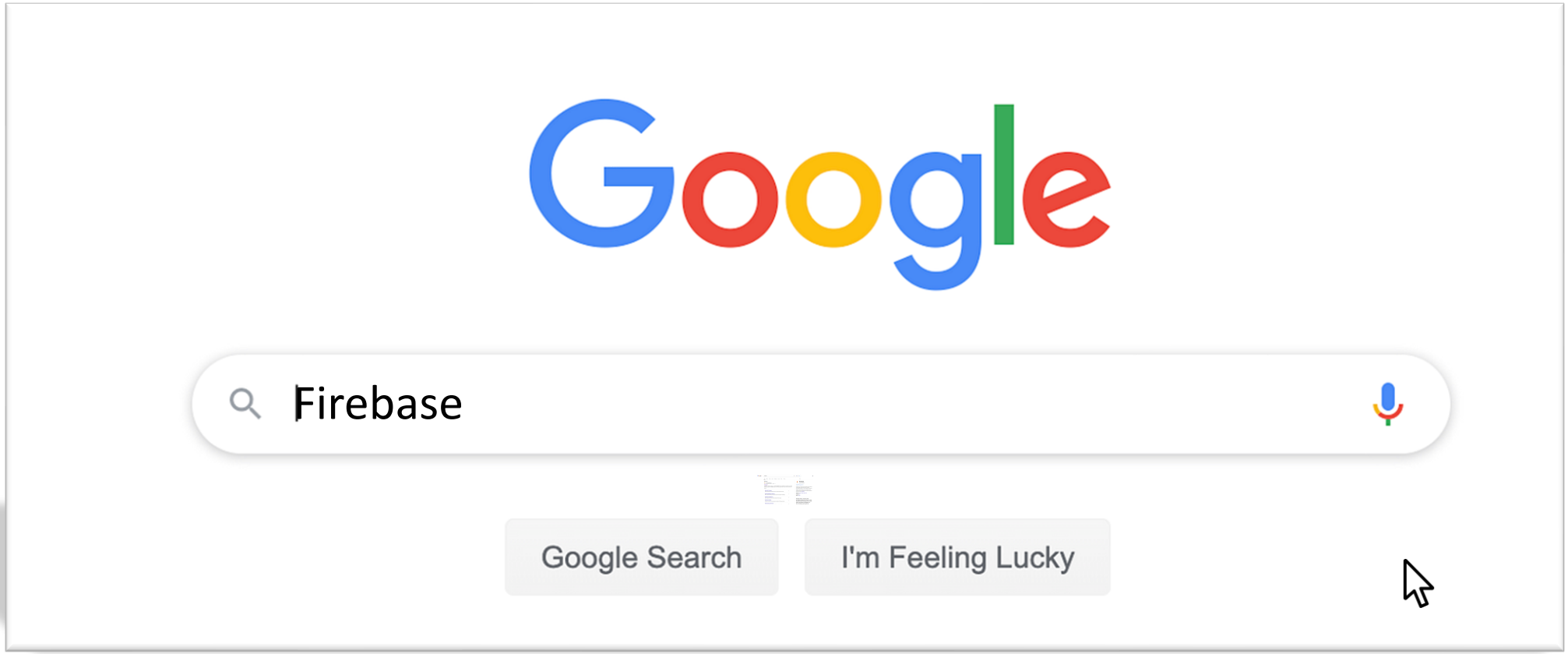
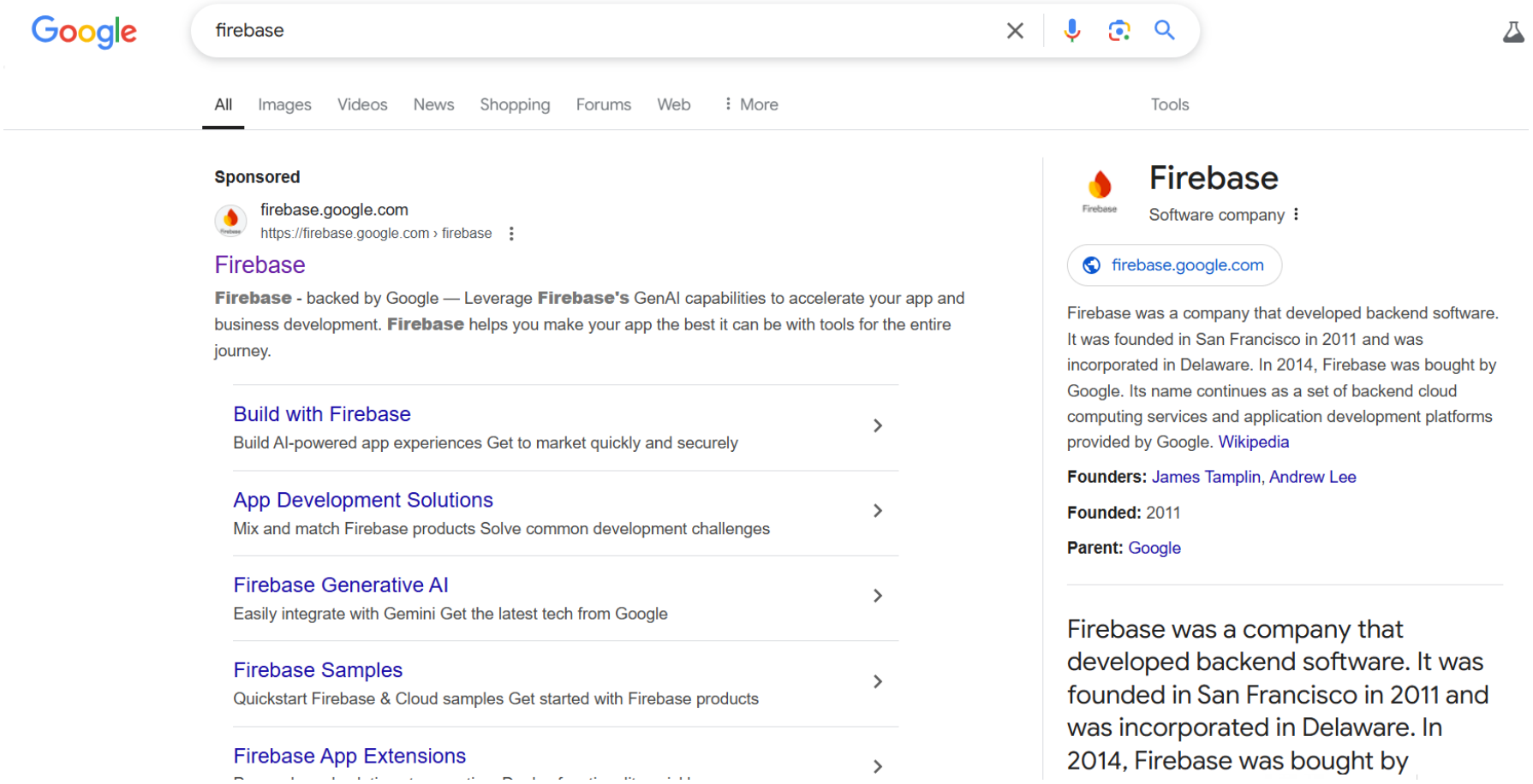
Firebase

Firebase



Firebase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Firebase
Firebase - backed by Google — Leverage Firebase's GenAI capabilities to accelerate your app and business development. Firebase helps you make your app the best it can be with tools for the entire journey.
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Firebase was a company that developed backend software. It was founded in San Francisco in 2011 and was incorporated in Delaware. In 2014, Firebase was bought by Google. Its name continues as a set of backend cloud computing services and application development platforms provided by Google. Wikipedia
Founders: James Tamplin, Andrew Lee
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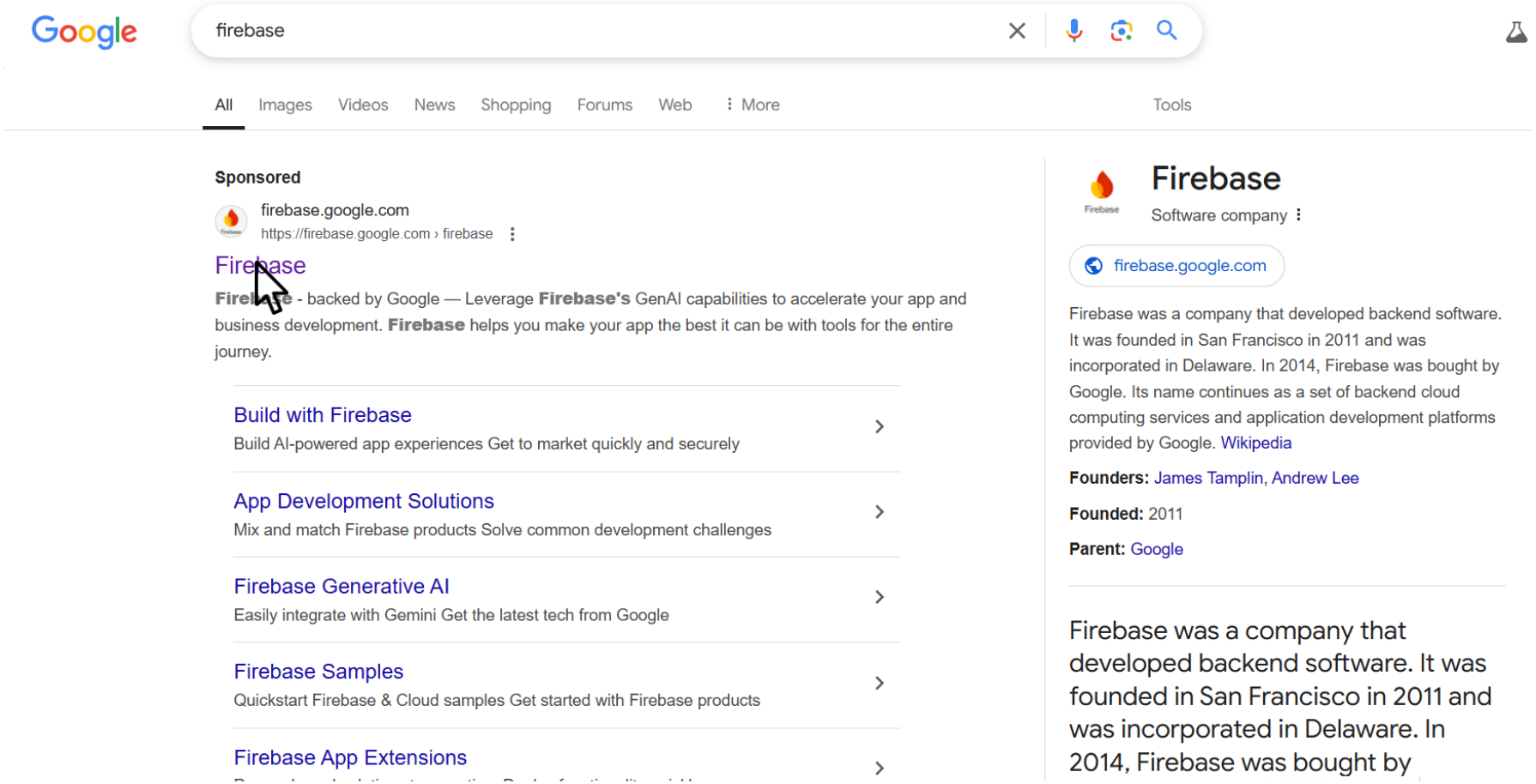
Firebase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Tools
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https://firebase.google.com › firebase
Firebase
Firebase - backed by Google — Leverage Firebase's GenAI capabilities to accelerate your app and business development. Firebase helps you make your app the best it can be with tools for the entire journey.
Build with Firebase
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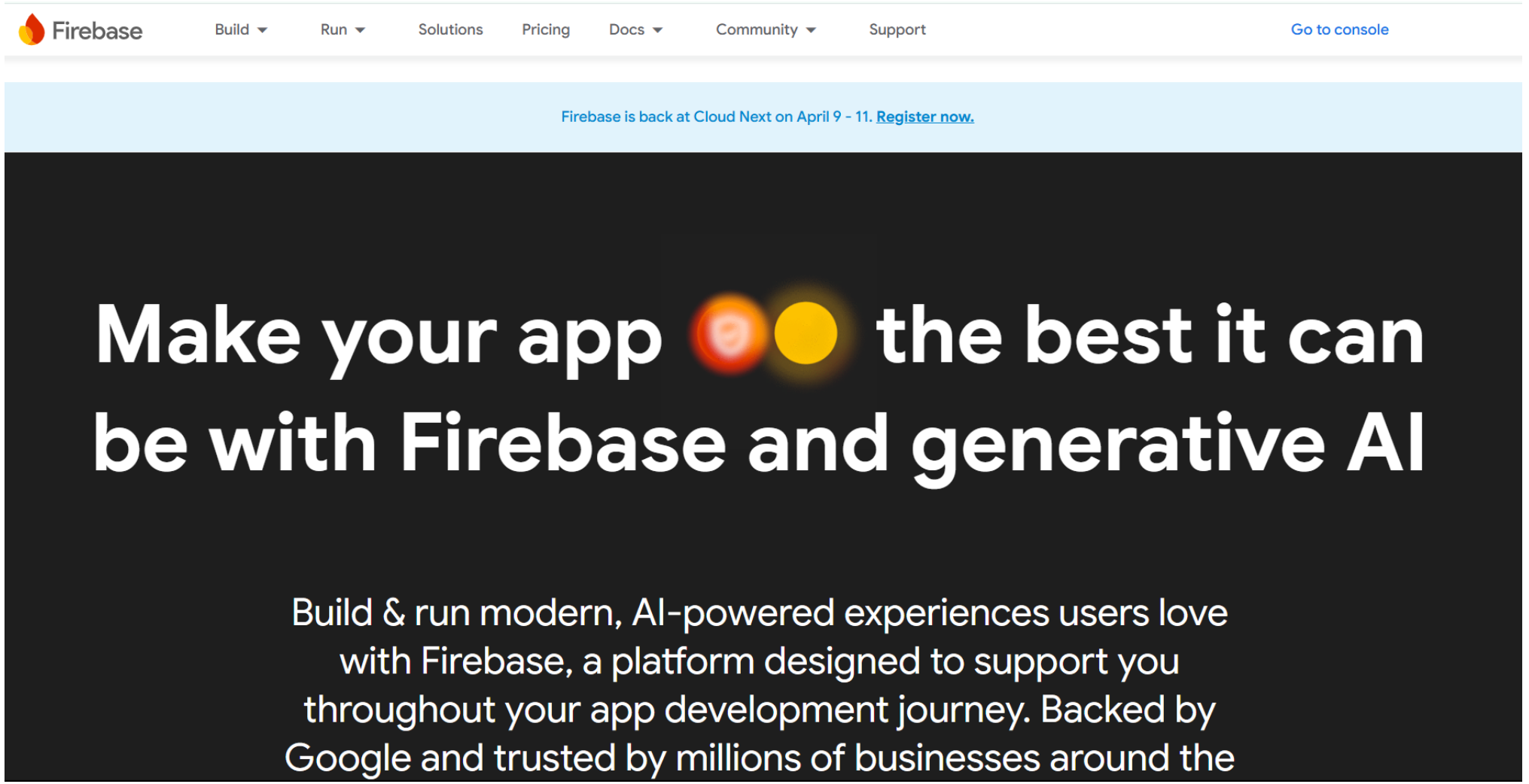
Firebase
Build
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Solutions
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Community
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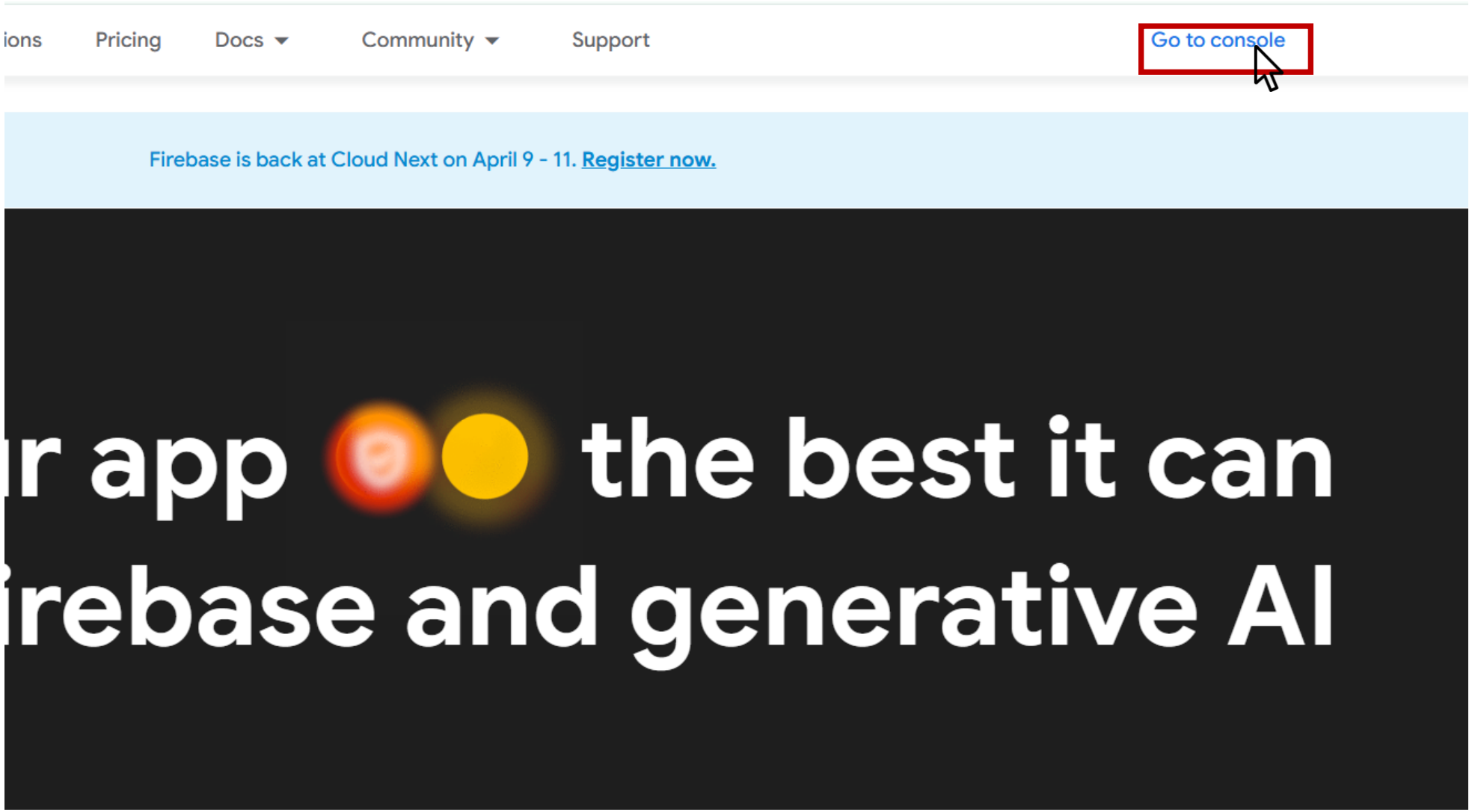
Make your app the best it can be with Firebase and generative AI
Build & run modern, AI-powered experiences users love with Firebase, a platform designed to support you throughout your app development journey. Backed by Google and trusted by millions of businesses around the

Firebase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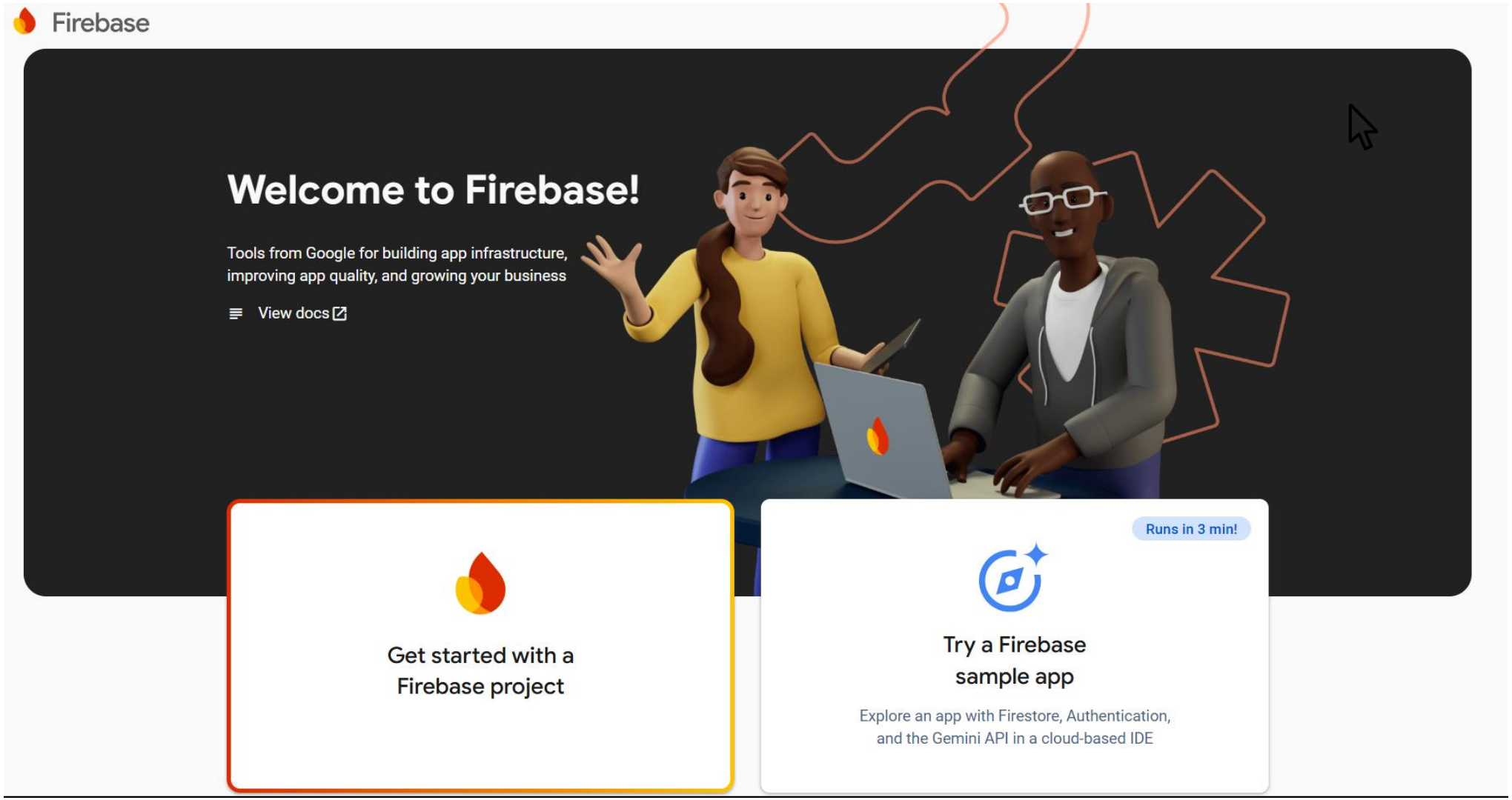
Firebase
Welcome to Firebase!
Tools from Google for building app infrastructure, improving app quality, and growing your business
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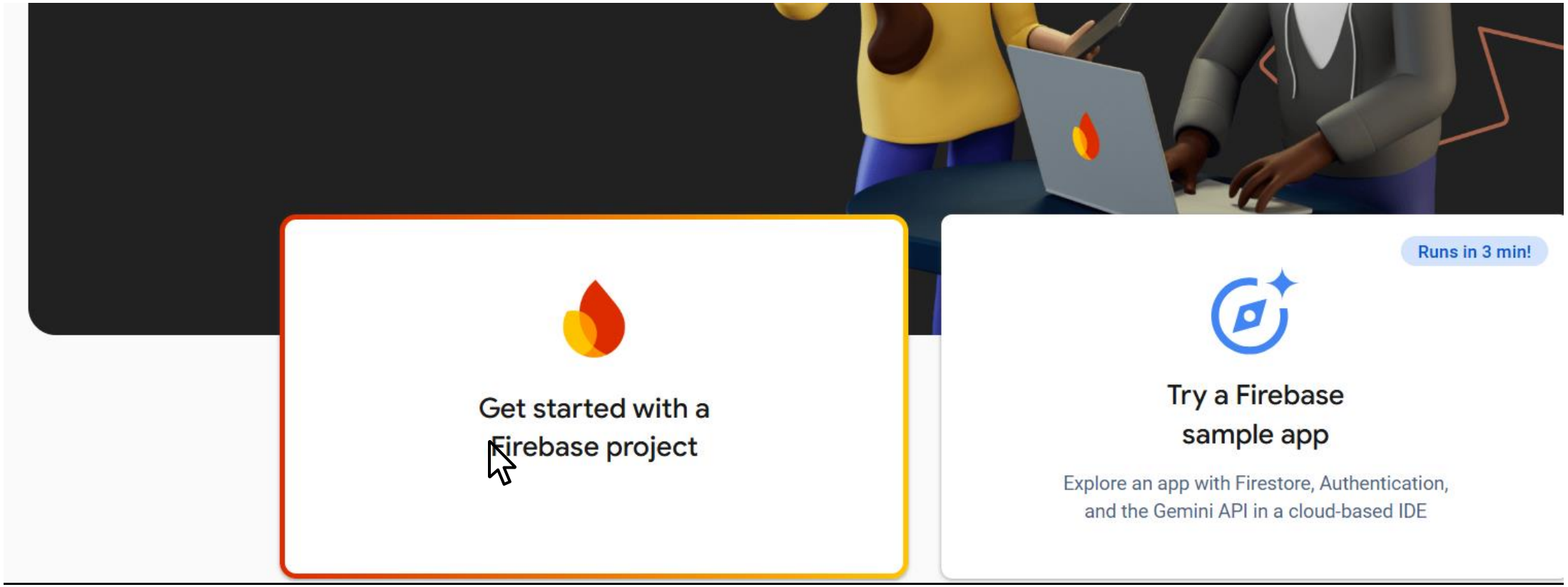
Get started with a Firebase project
Runs in 3 min!
Try a Firebase sample app
Explore an app with Firestore, Authentication, and the Gemini API in a cloud-based IDE

Firebase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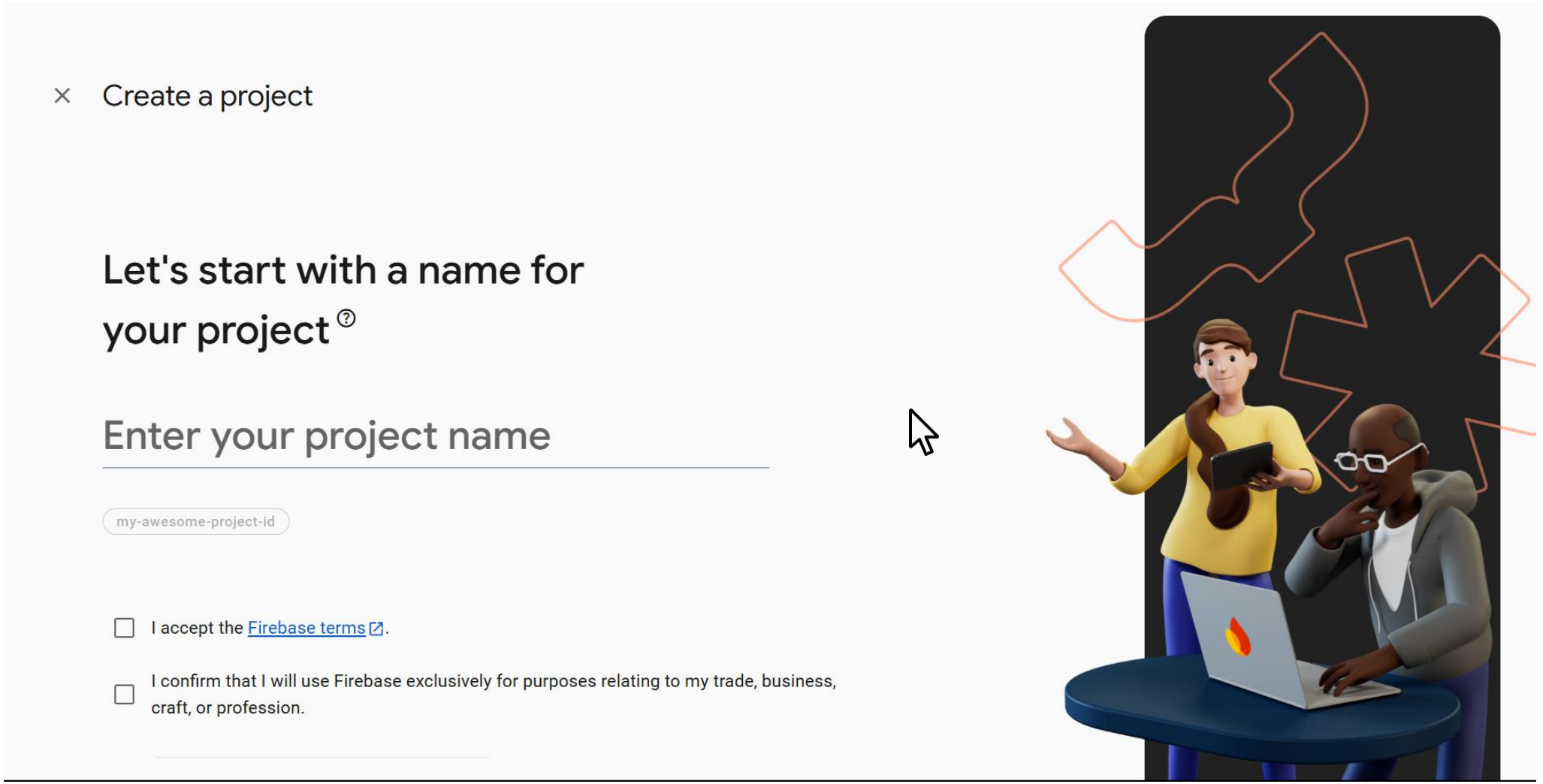
Create a project
Let's start with a name for your project
Enter your project name
my-awesome-project-id
I accept the Firebase terms.
I confirm that I will use Firebase exclusively for purposes relating to my trade, business, craft, or profession.

Firebase

Name the project

Create a project

Let's start with a name for your project

Project name

my-app-yatish

my-app-yatish

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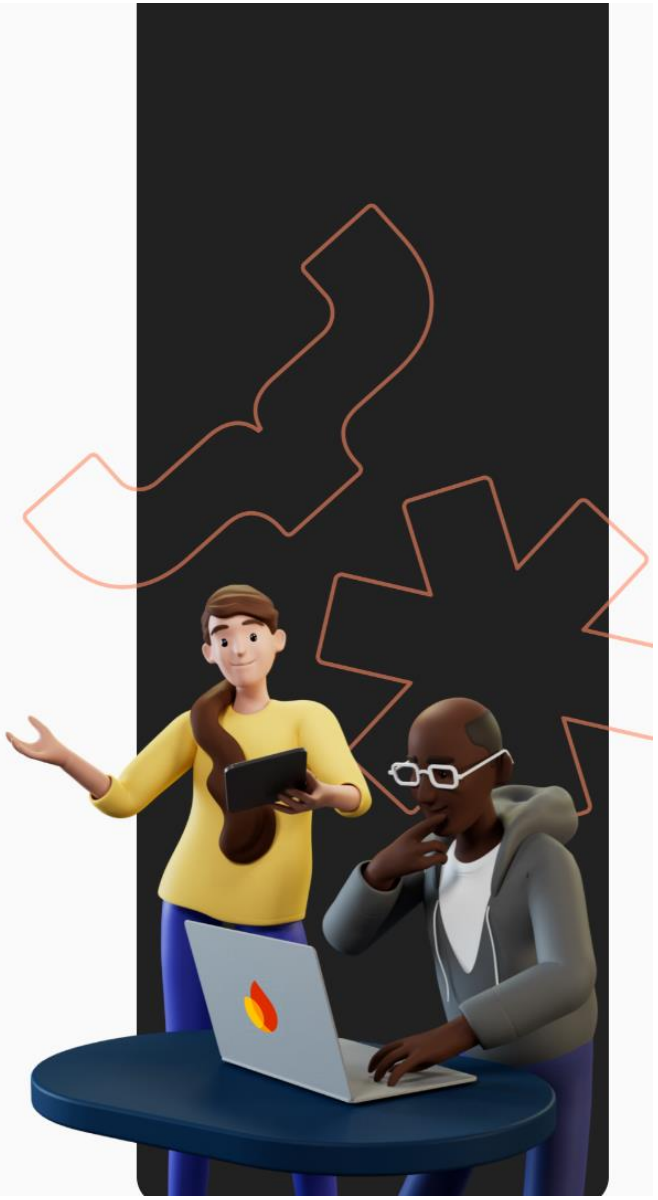
Already have a Google Cloud project?
Add Firebase to Google Cloud project

Continue



Firebase

Name the project

Accept the required terms & conditions

Create a project

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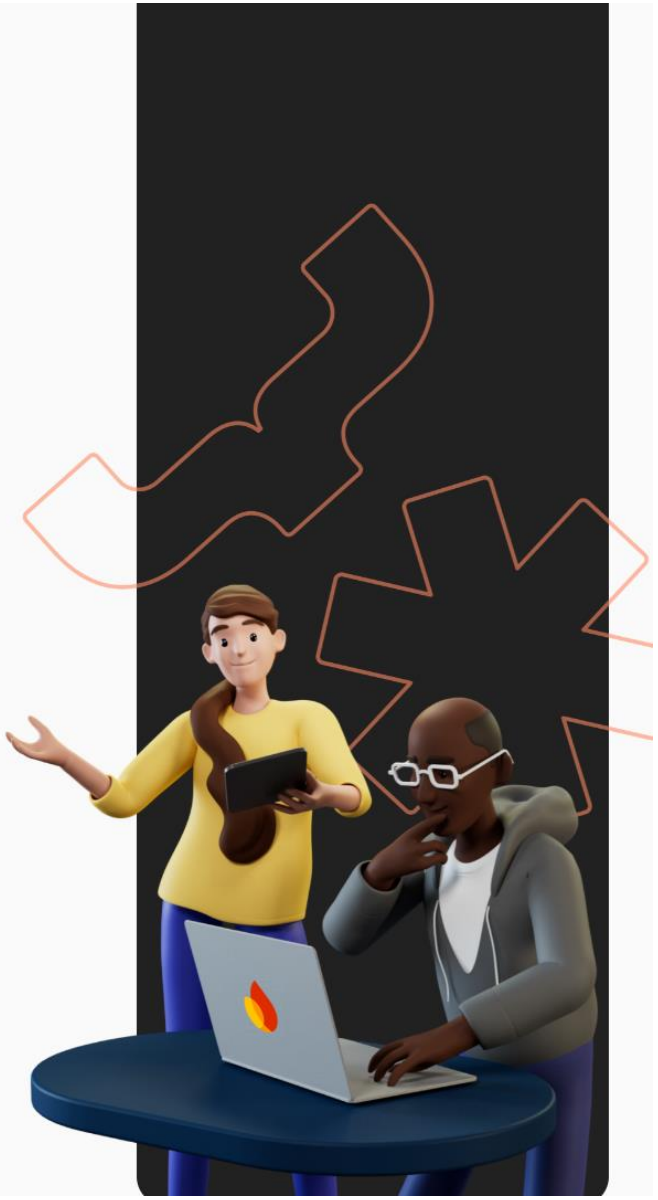

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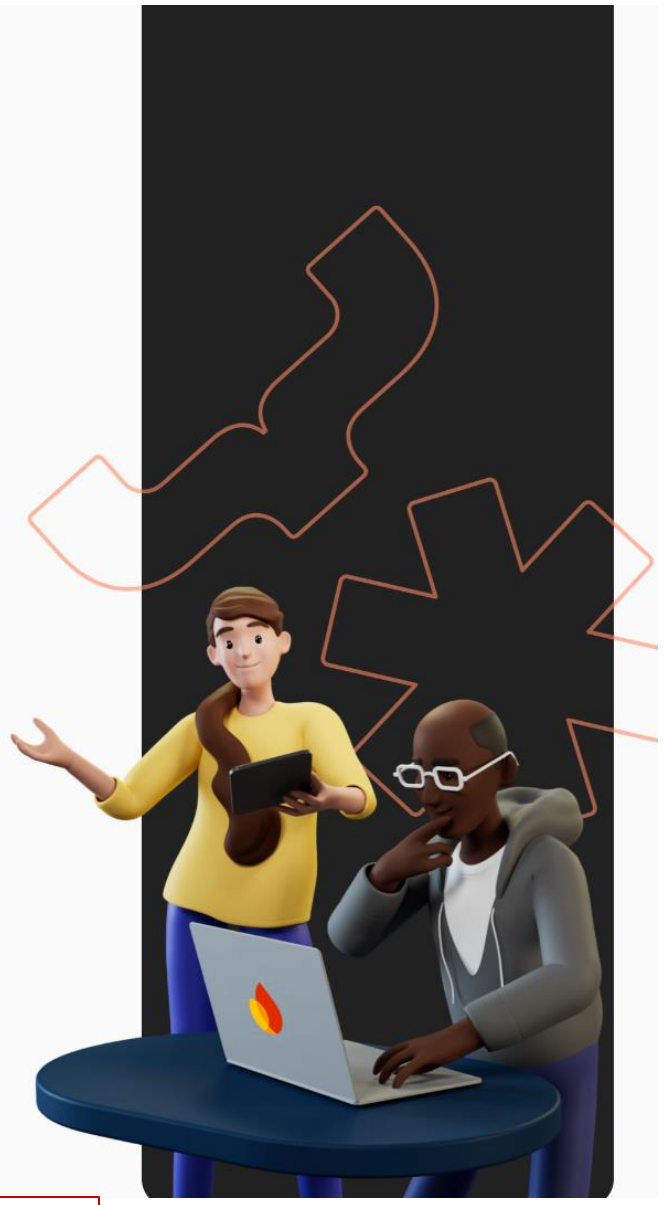


Firebase

× Create a project

AI assistance for your Firebase project

Gemini in Firebase is integrated within the Firebase console to help streamline your development process.

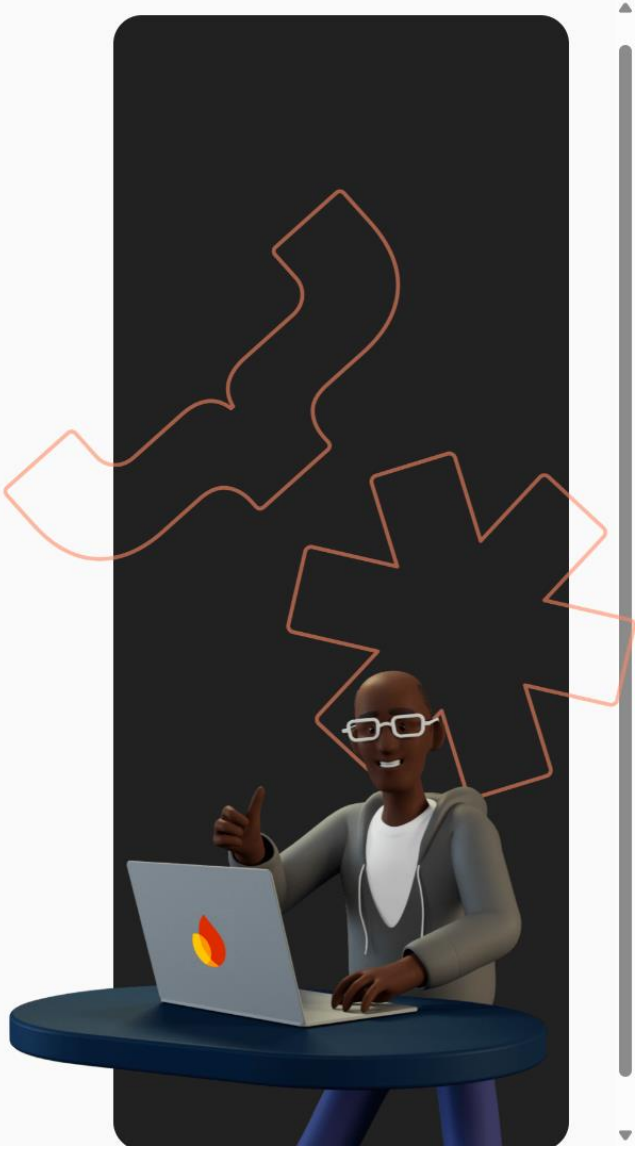
- Chat with Gemini to plan and design your application, troubleshoot issues, and get recommendations based on best practices
- Get AI assistance in Firebase Crashlytics for debugging and troubleshooting issues in your Apple and Android apps

Enable Gemini in Firebase
Recommended

Previous

Continue

Disclaimers:
Gemini in Firebase is still under development and may give inaccurate information. Test any code it generates before using it in your apps. Gemini can interact with your Firebase data and tailor response to your app, and it may use your prompts or data for training. Learn more about how we train our models Use of Gemini in Firebase is subject to Google Terms of Service and the Generative AI Prohibited Use Policy



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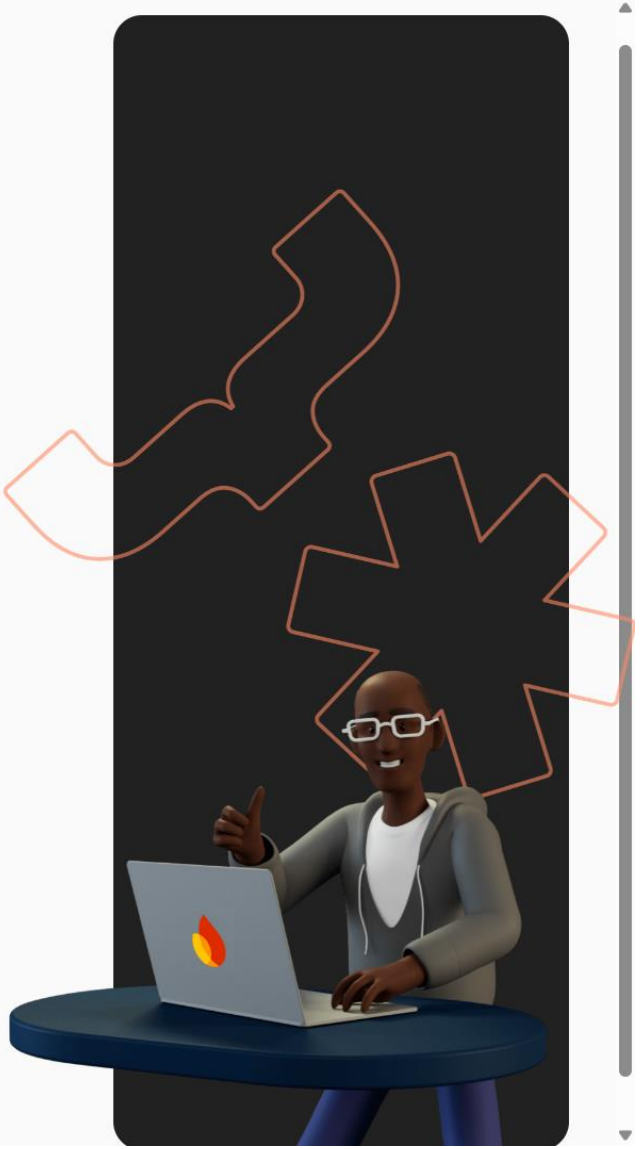
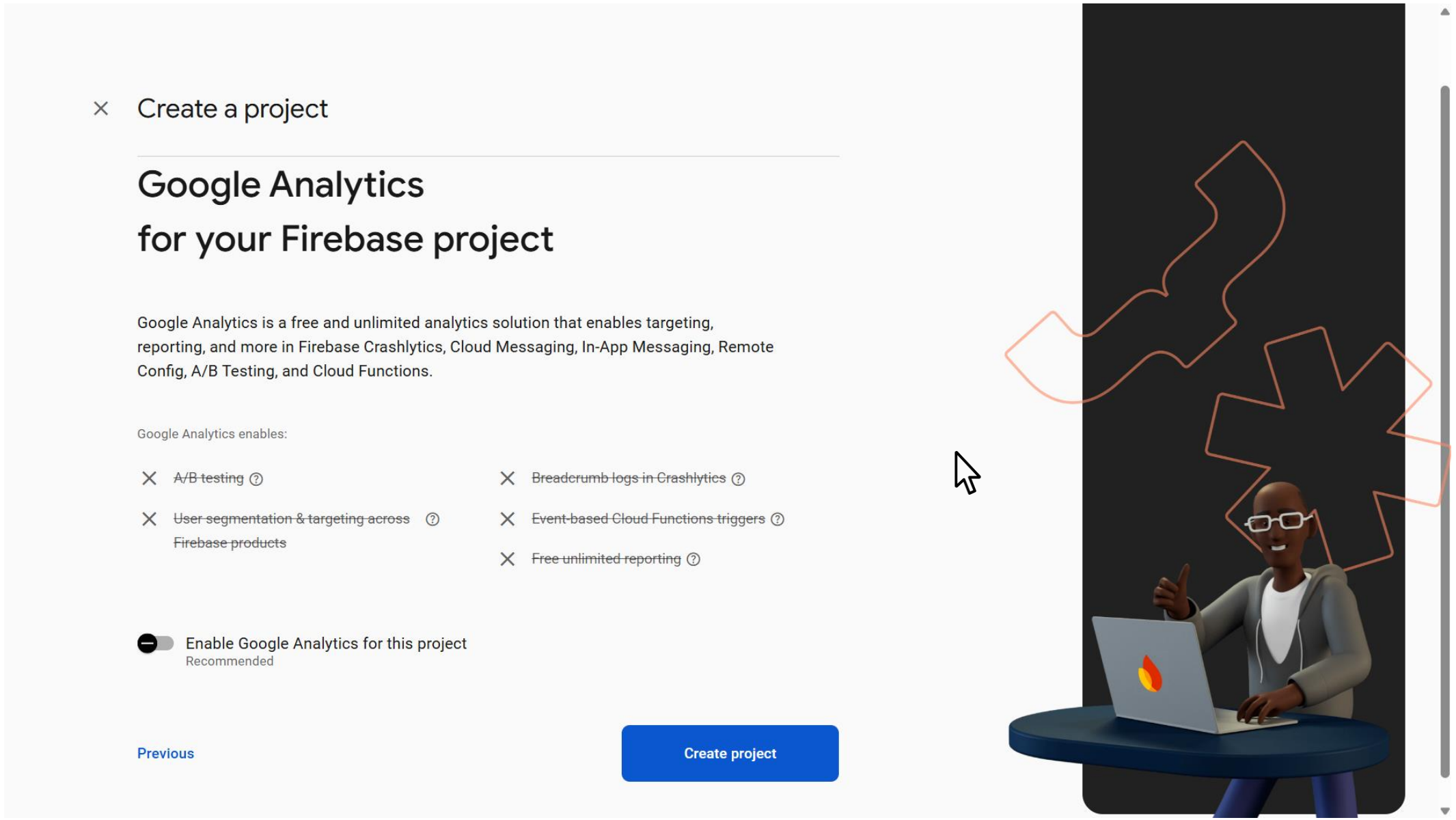


Firebase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Google Analytics
for your Firebase project
Google Analytics is a free and unlimited analytics solution that enables targeting, reporting, and more in Firebase Crashlytics, Cloud Messaging, In-App Messaging, Remote Config, A/B Testing, and Cloud Functions.
Google Analytics enables:
A/B testing
User segmentation & targeting across Firebase products
Breadcrumb logs in Crashlytics
Event-based Cloud Functions triggers
Free unlimited reporting
Enable Google Analytics for this project
Recommended
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Create project

Firebase

Create a project

Google Analytics for your Firebase project

Google Analytics is a free and unlimited analytics solution that enables targeting, reporting, and more in Firebase Crashlytics, Cloud Messaging, In-App Messaging, Remote Config, A/B Testing, and Cloud Functions.

Google Analytics enables:

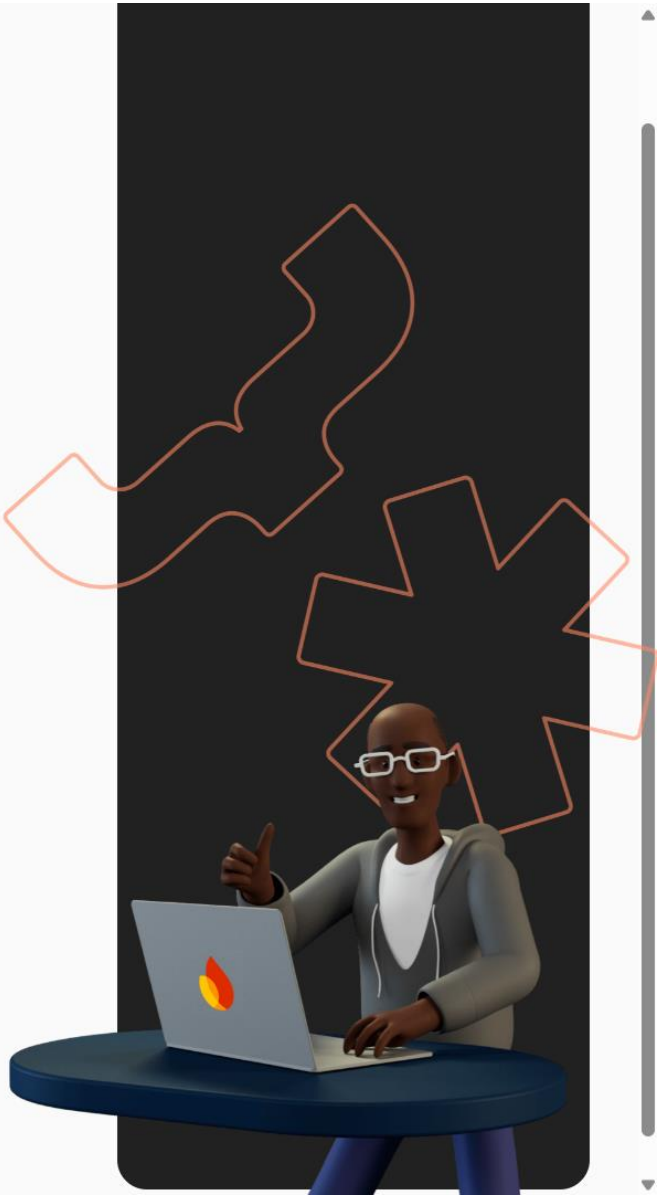
- ~~A/B testing~~
- ~~User segmentation & targeting across Firebase products~~
- ~~Breadcrumb logs in Crashlytics~~
- ~~Event-based Cloud Functions triggers~~
- ~~Free unlimited reporting~~

Enable Google Analytics for this project
Recommended

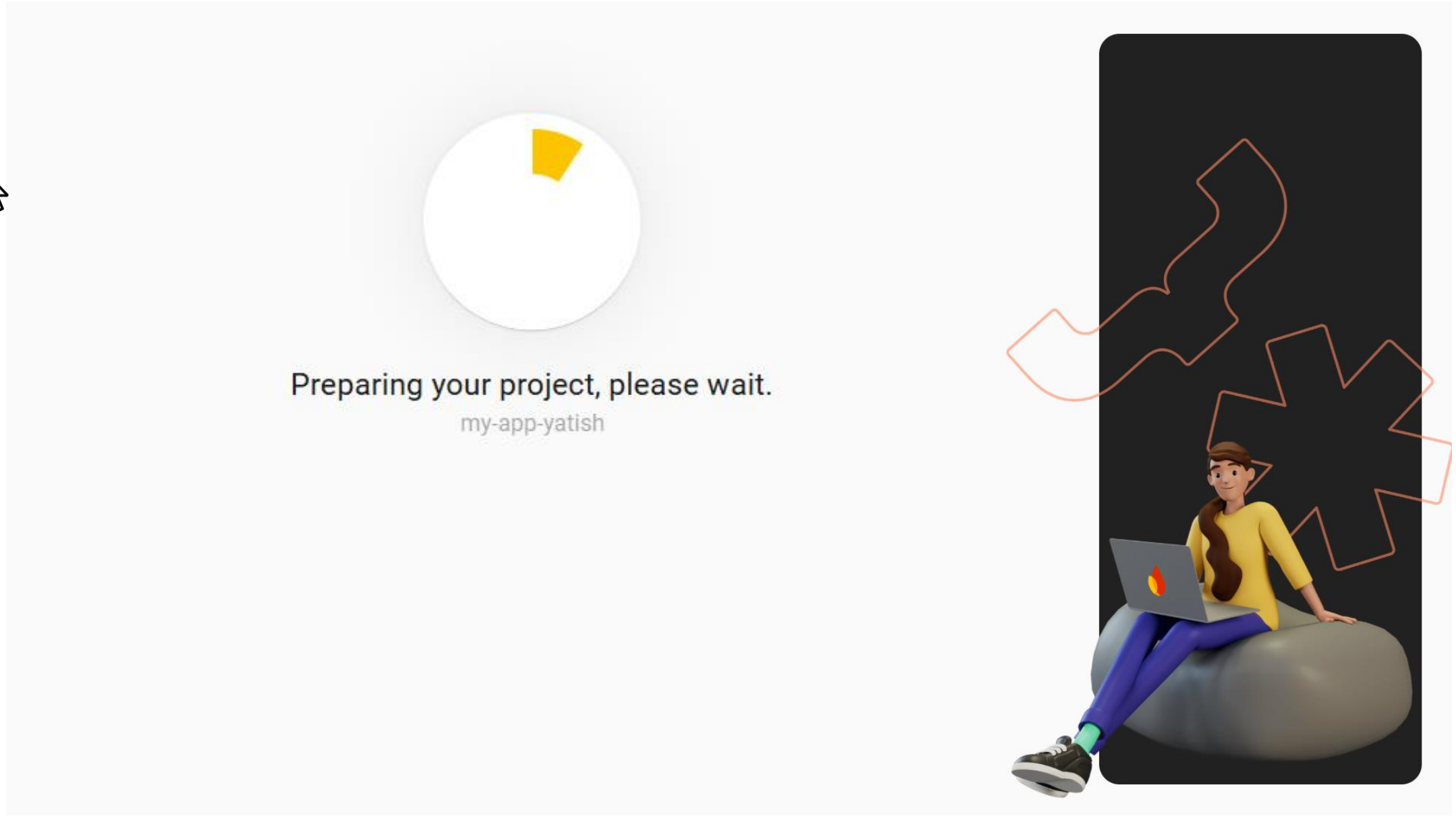
Previous

Create project

Click to create project



Firebase

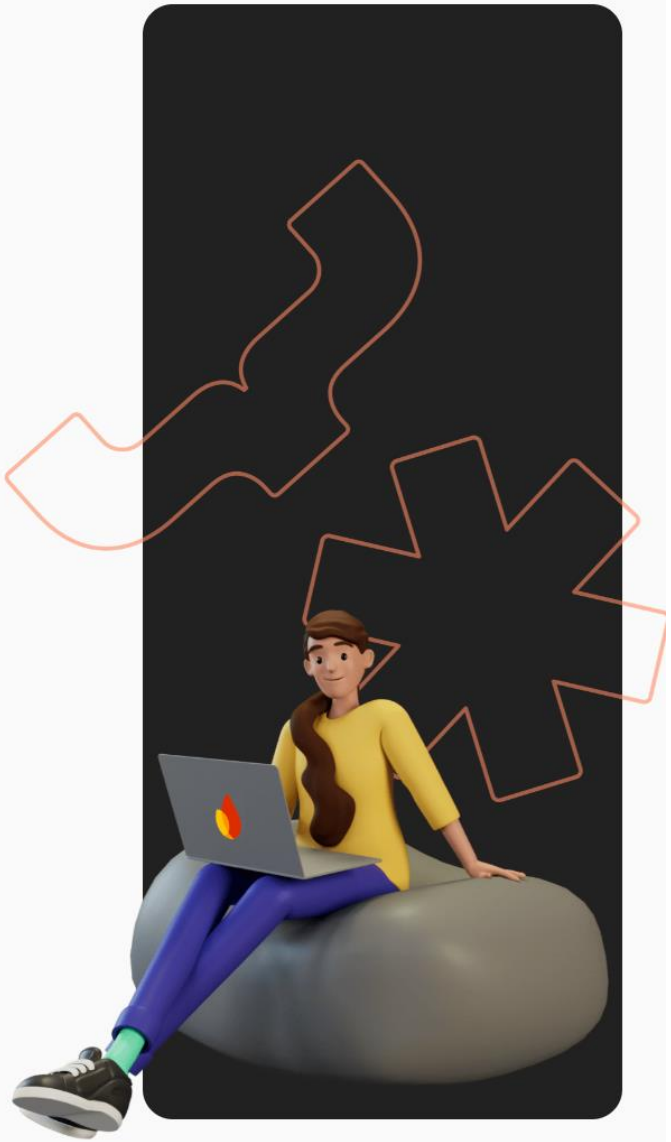


Firebase

my-app-yatish

Your Firebase project is ready

Continue



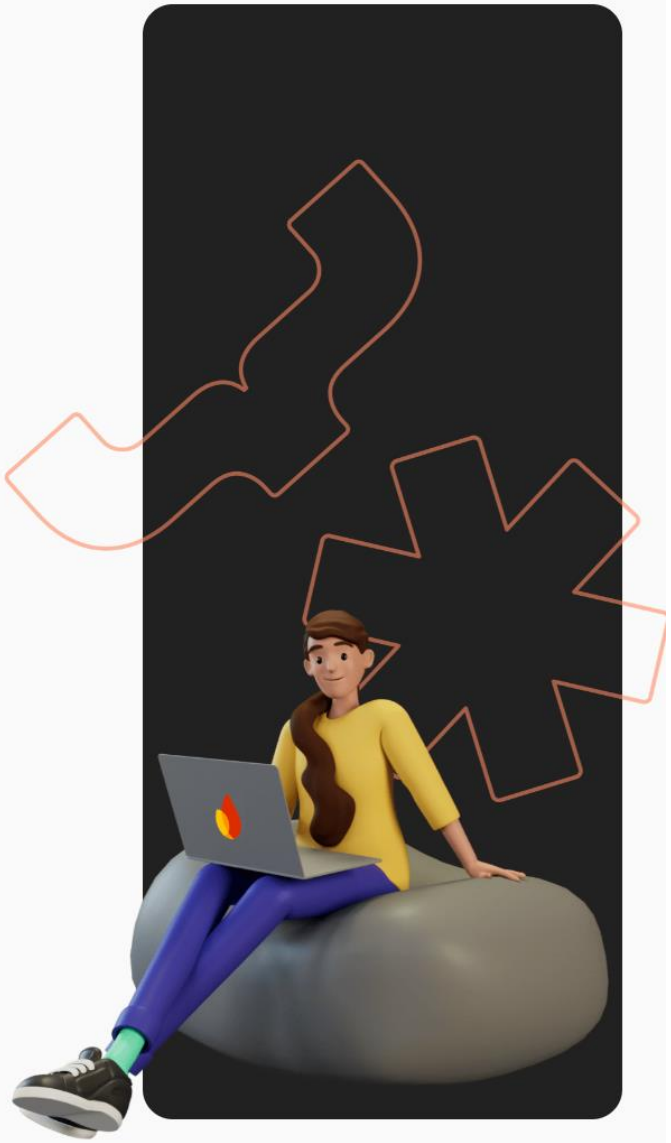
Firebase

my-app-yatish

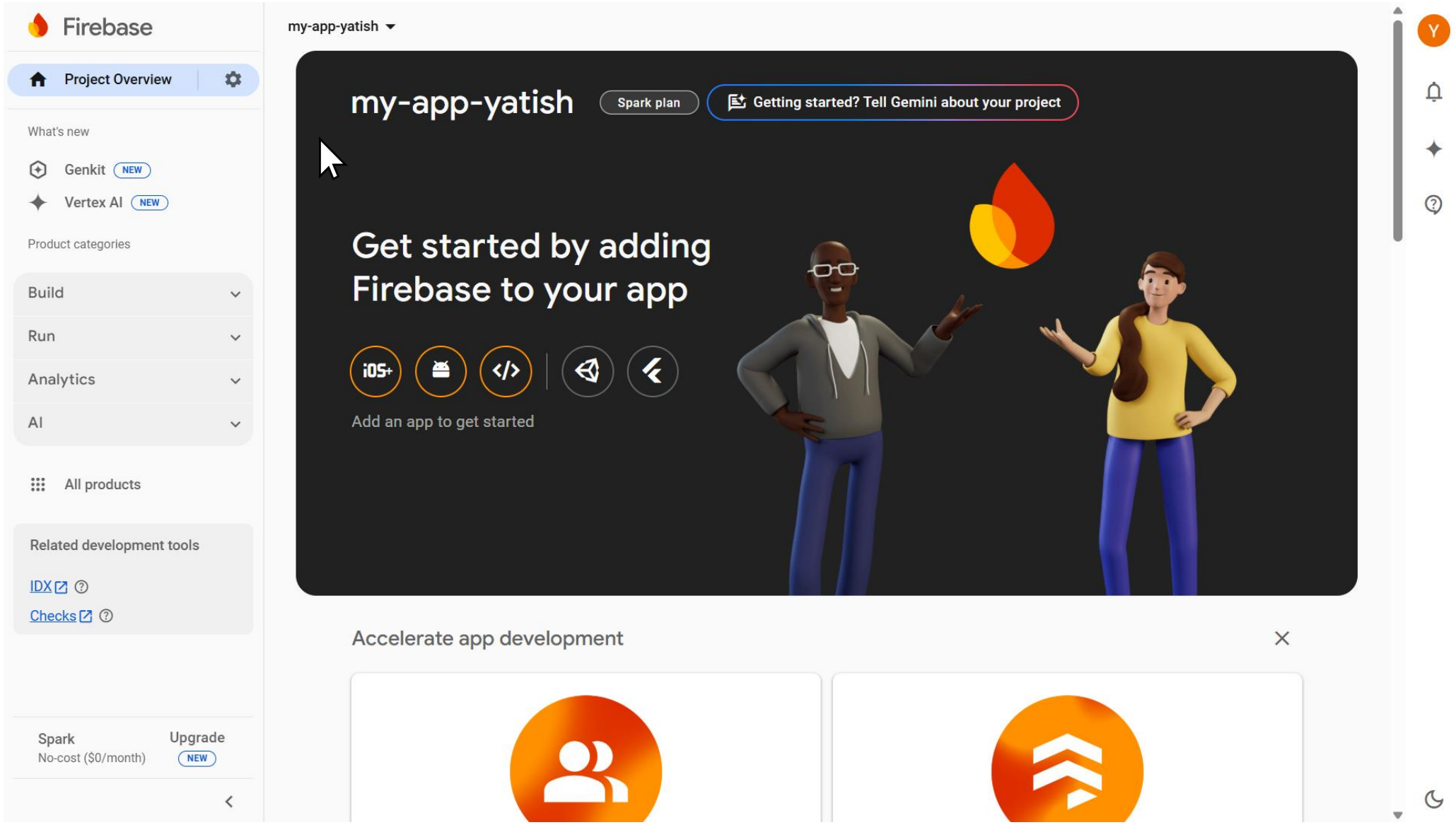
Your Firebase project is ready

Continue

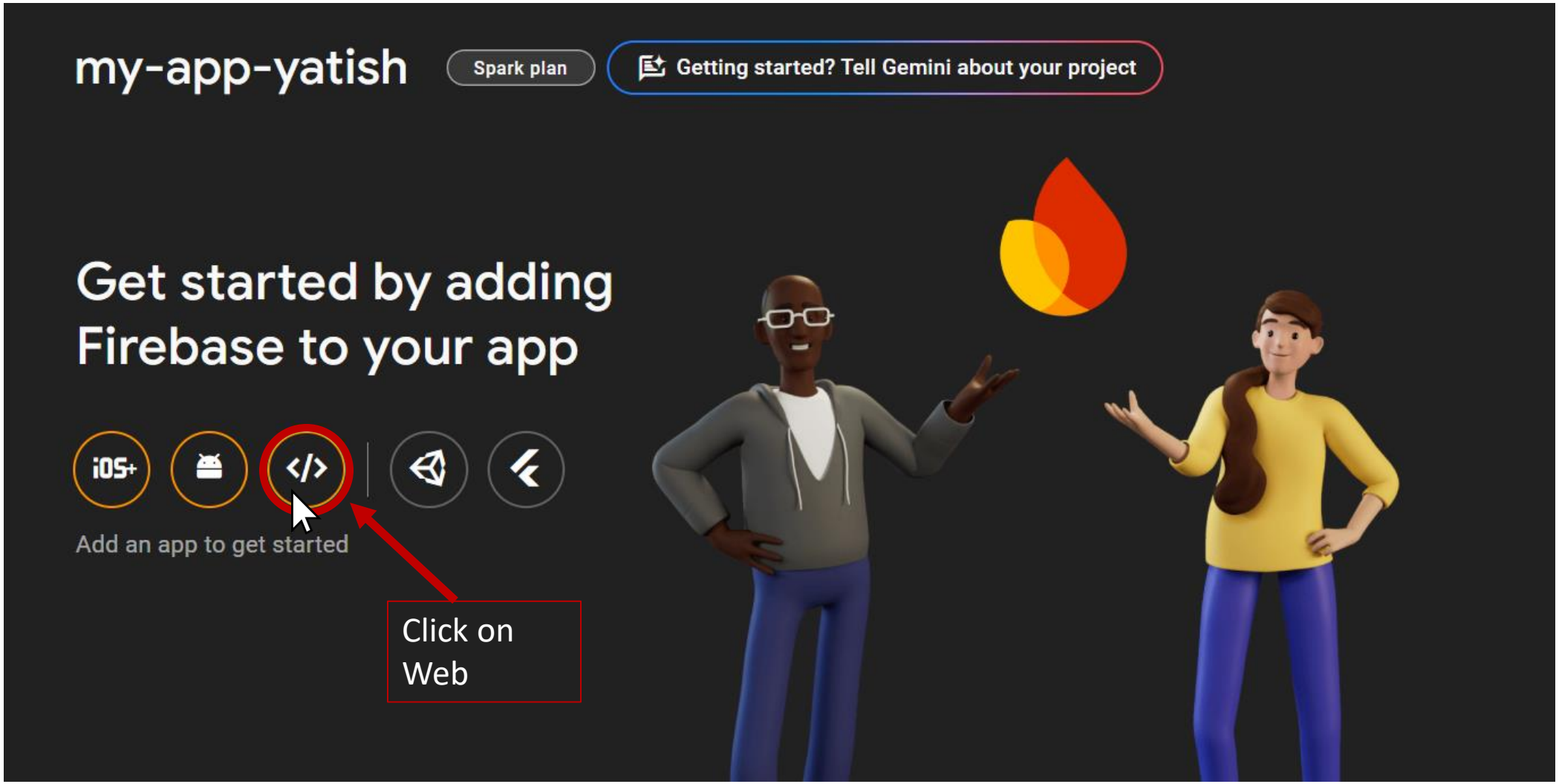
Click continue



Firebase


Firebase
my-app-yatish
Project Overview
What's new
Genkit NEW
Vertex AI NEW
Product categories
Build
Run
Analytics
AI
All products
Related development tools
IDX
Checks
Spark
No-cost ($0/month)
Upgrade
NEW
my-app-yatish
Spark plan
Getting started? Tell Gemini about your project
Get started by adding Firebase to your app
iOS+
Add an app to get started
Accelerate app development

Firebase


my-app-yatish
Spark plan
Getting started? Tell Gemini about your project
Get started by adding Firebase to your app
iOS+
Add an app to get started
Click on Web

Firebase

Go to docs

Add Firebase to your web app

1 **Register app**

App nickname

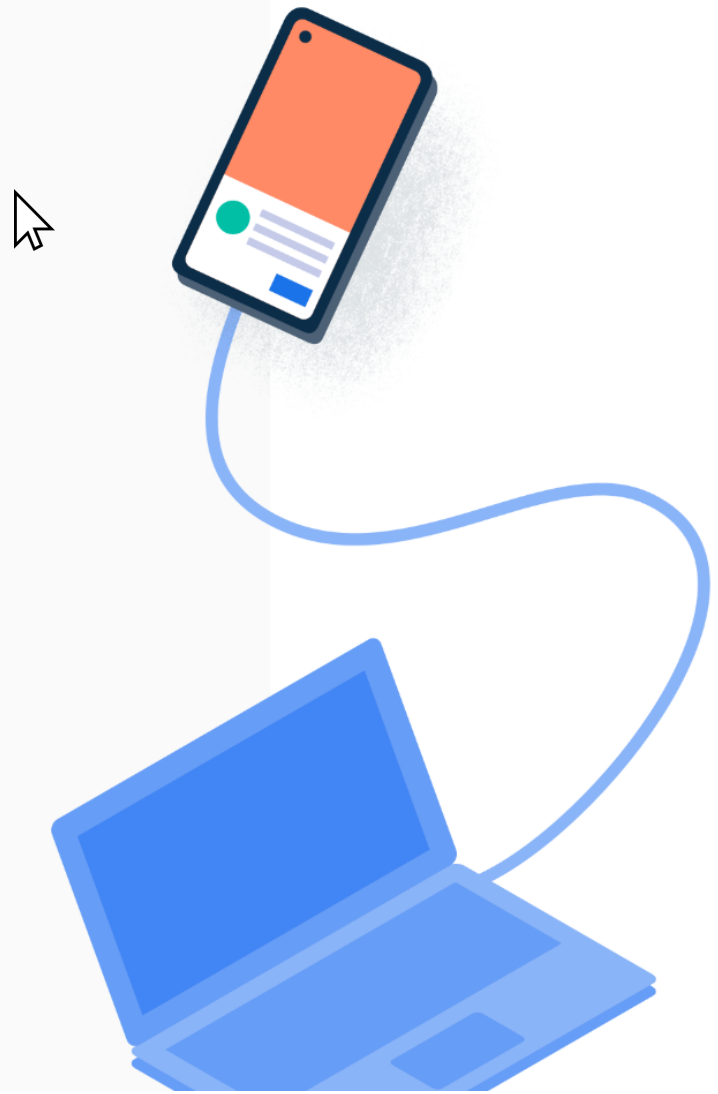
my-app

Also set up **Firebase Hosting** for this app. Learn more

Hosting can also be set up later. There is no cost to get started anytime.

Register app

2 Add Firebase SDK



Firebase

Go to docs

Add Firebase to your web app

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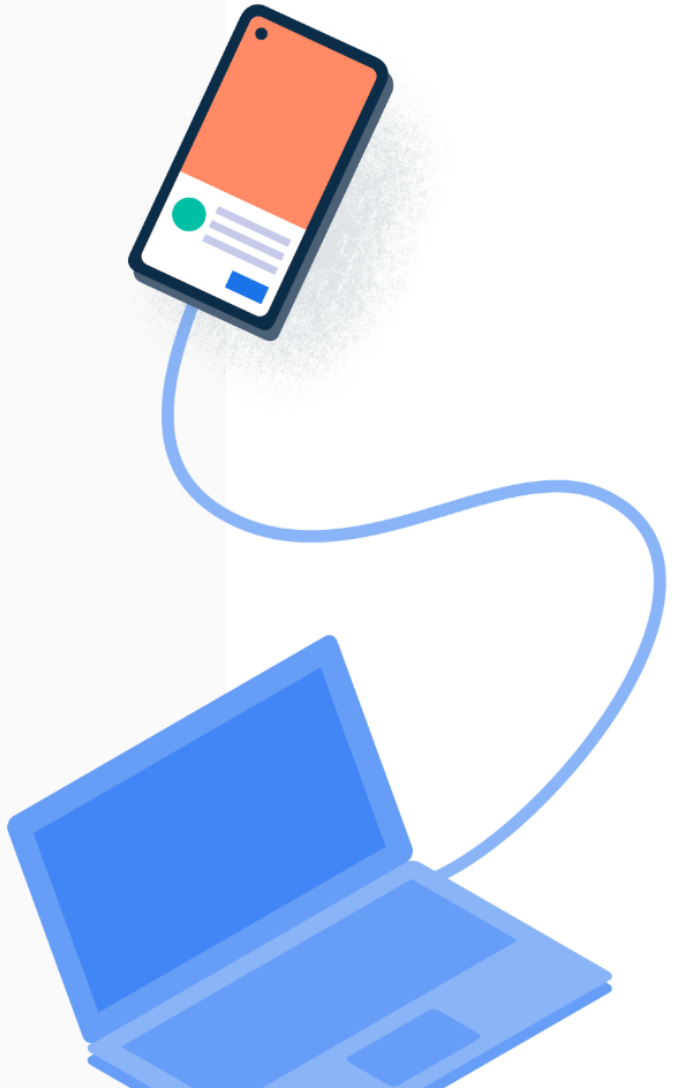
Register app

2 Add Firebase SDK

Register the app



Firebase

2 Add Firebase SDK

Go to docs

Use npm Use a <script> tag

If you're already using npm and a module bundler such as webpack or Rollup, you can run the following command to install the latest SDK (Learn more):

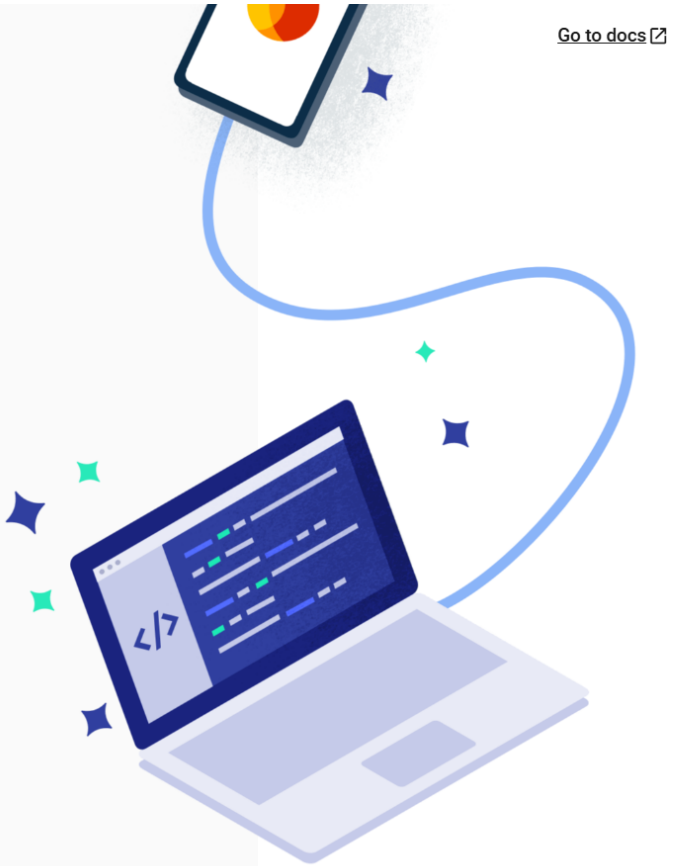
```
$ npm install firebase
```

Then, initialize Firebase and begin using the SDKs for the products you'd like to use.

```
// Import the functions you need from the SDKs you need
import { initializeApp } from "firebase/app";
// TODO: Add SDKs for Firebase products that you want to use
// https://firebase.google.com/docs/web/setup#available-libraries

// Your web app's Firebase configuration
const firebaseConfig = {
  apiKey: "AIzaSyDEqkC5yc4IcrQIC8gRcSQmvz4QJKZ2Eeg",
  authDomain: "my-app-yatish.firebaseapp.com",
  projectId: "my-app-yatish",
  storageBucket: "my-app-yatish.firebasestorage.app",
  messagingSenderId: "1031040051031",
  appId: "1:1031040051031:web:27d0ea0b41b563af84c012"
};

// Initialize Firebase
const app = initializeApp(firebaseConfig);
```



Note: This option uses the modular JavaScript SDK, which provides reduced SDK size.

Learn more about Firebase for web: Get Started, Web SDK API Reference, Samples

Continue to console

Firebase

Click to use NPM

2 Add Firebase SDK

Go to docs

(•) Use npm ( ) Use a <script> tag

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  appId: "1:1031040051031:web:27d0ea0b41b563af84c012"
};

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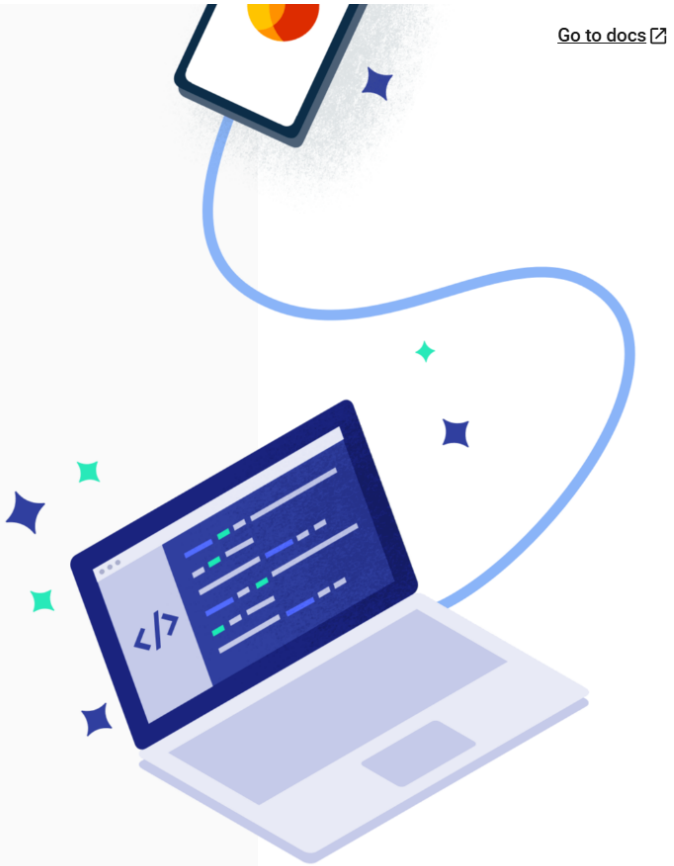
```



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Firebase

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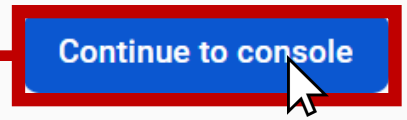
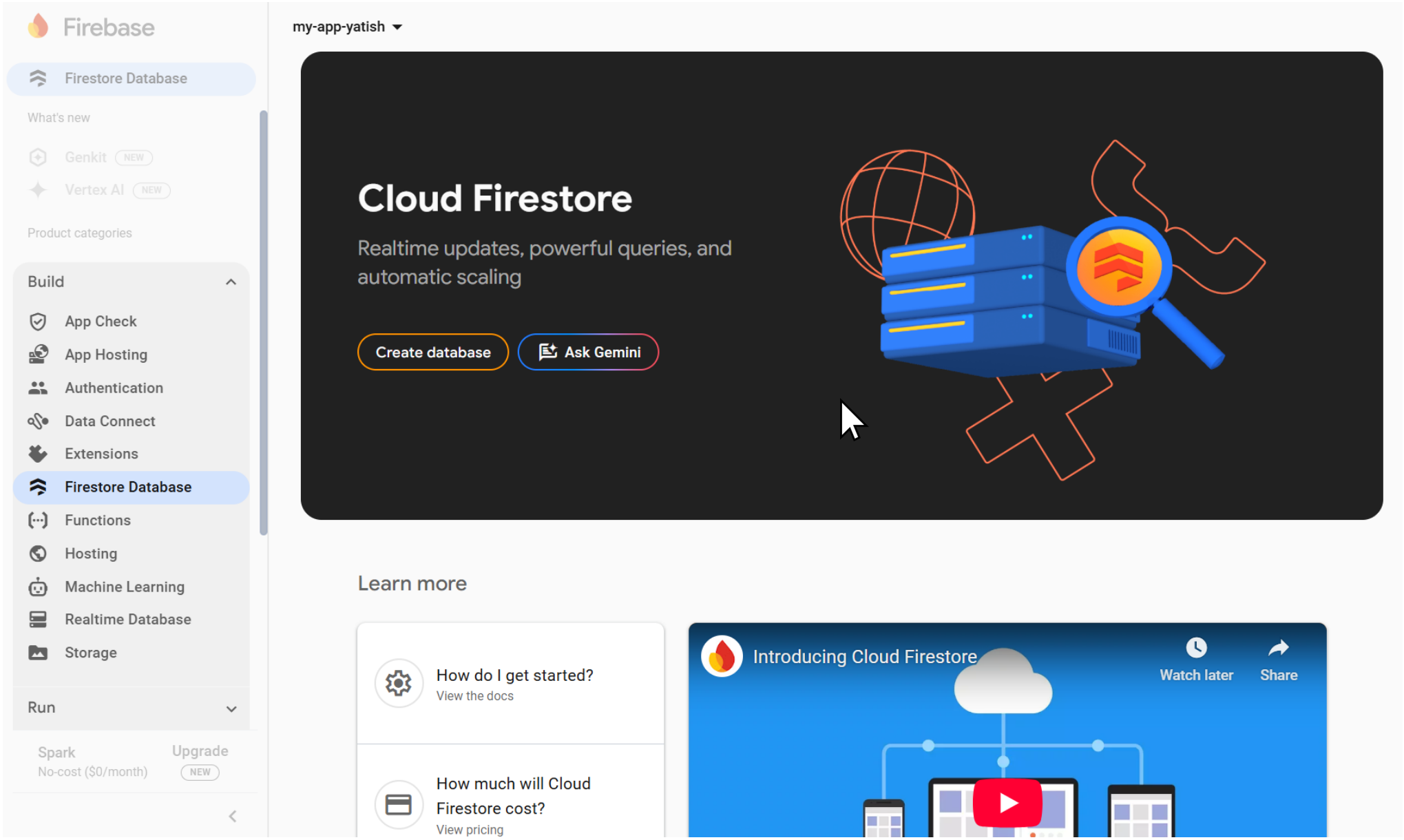


Firebase


Firebase
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Firestore Database
What's new
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App Hosting
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No-cost ($0/month)
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NEW
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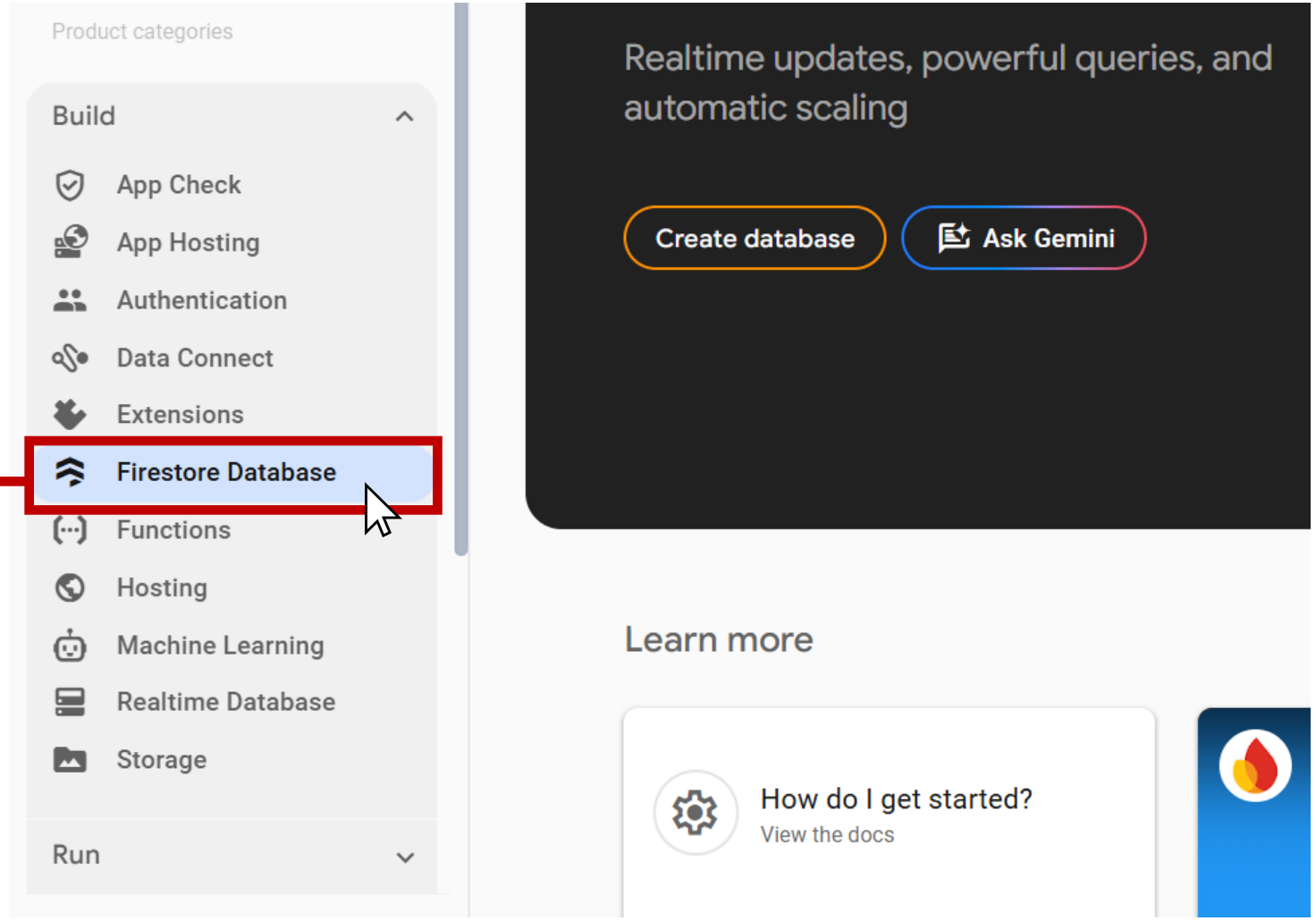
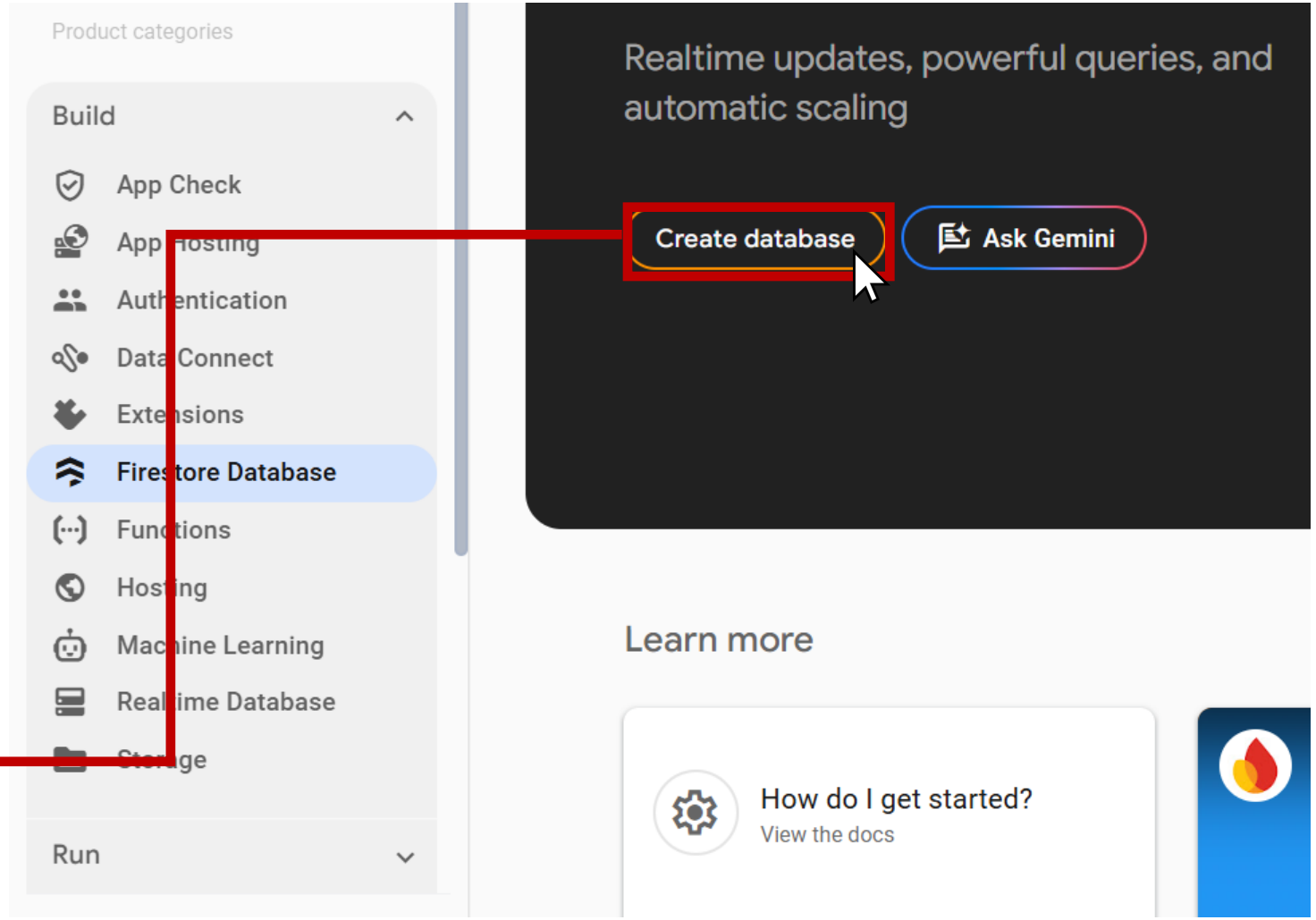


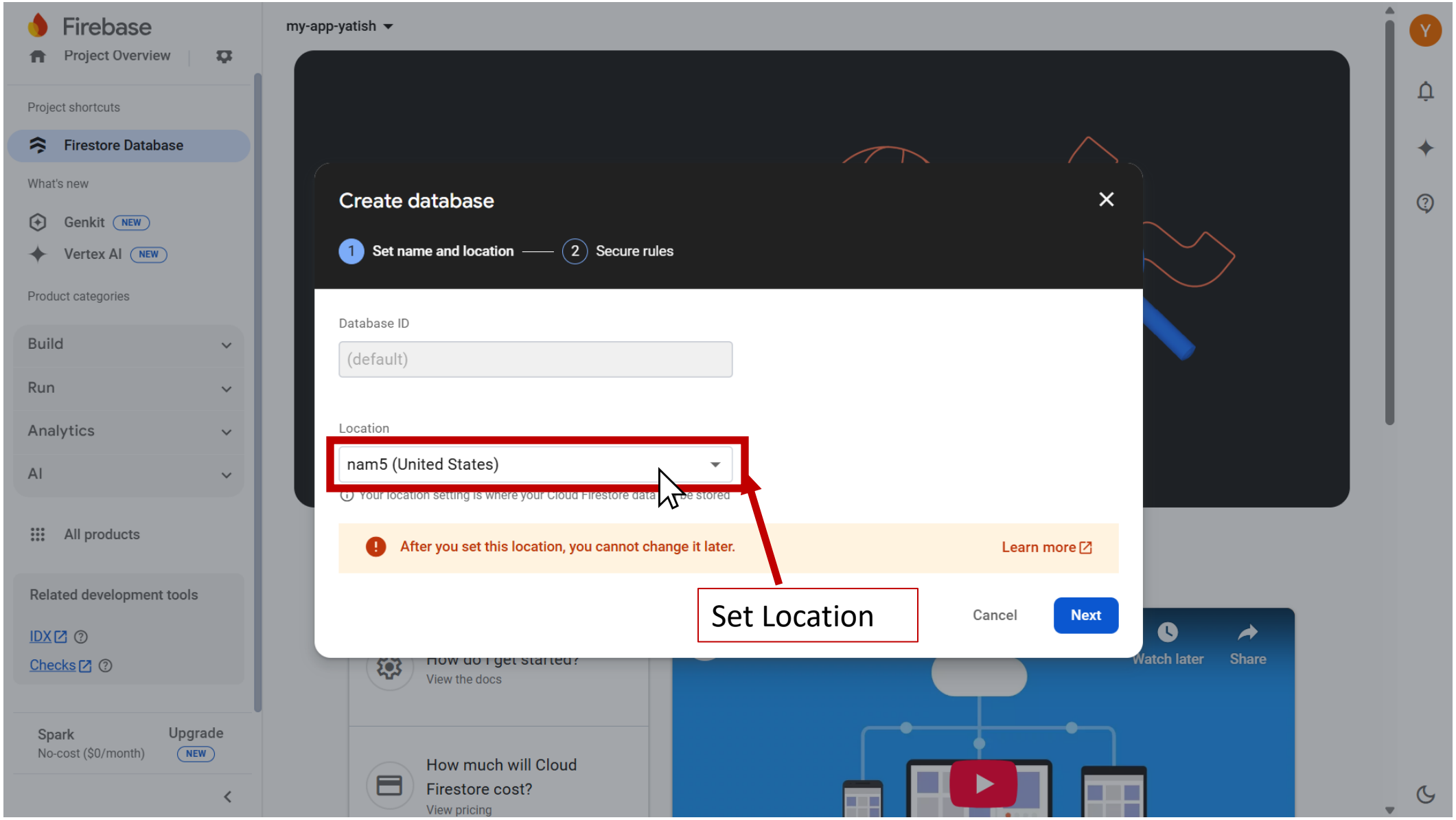
Click on Firestore Database

Firebase



Click to create Database

Firebase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Project shortcuts
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Product categories
Build
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Analytics
AI
All products
Related development tools
IDX
Checks
Spark
No-cost ($0/month)
Upgrade
NEW
my-app-yatish
Create database
1 Set name and location
2 Secure rules
Database ID
(default)
Location
nam5 (United States)
Your location setting is where your Cloud Firestore data be stored
After you set this location, you cannot change it later.
Learn more
Set Location
Cancel
Next
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View the docs
How much will Cloud Firestore cost?
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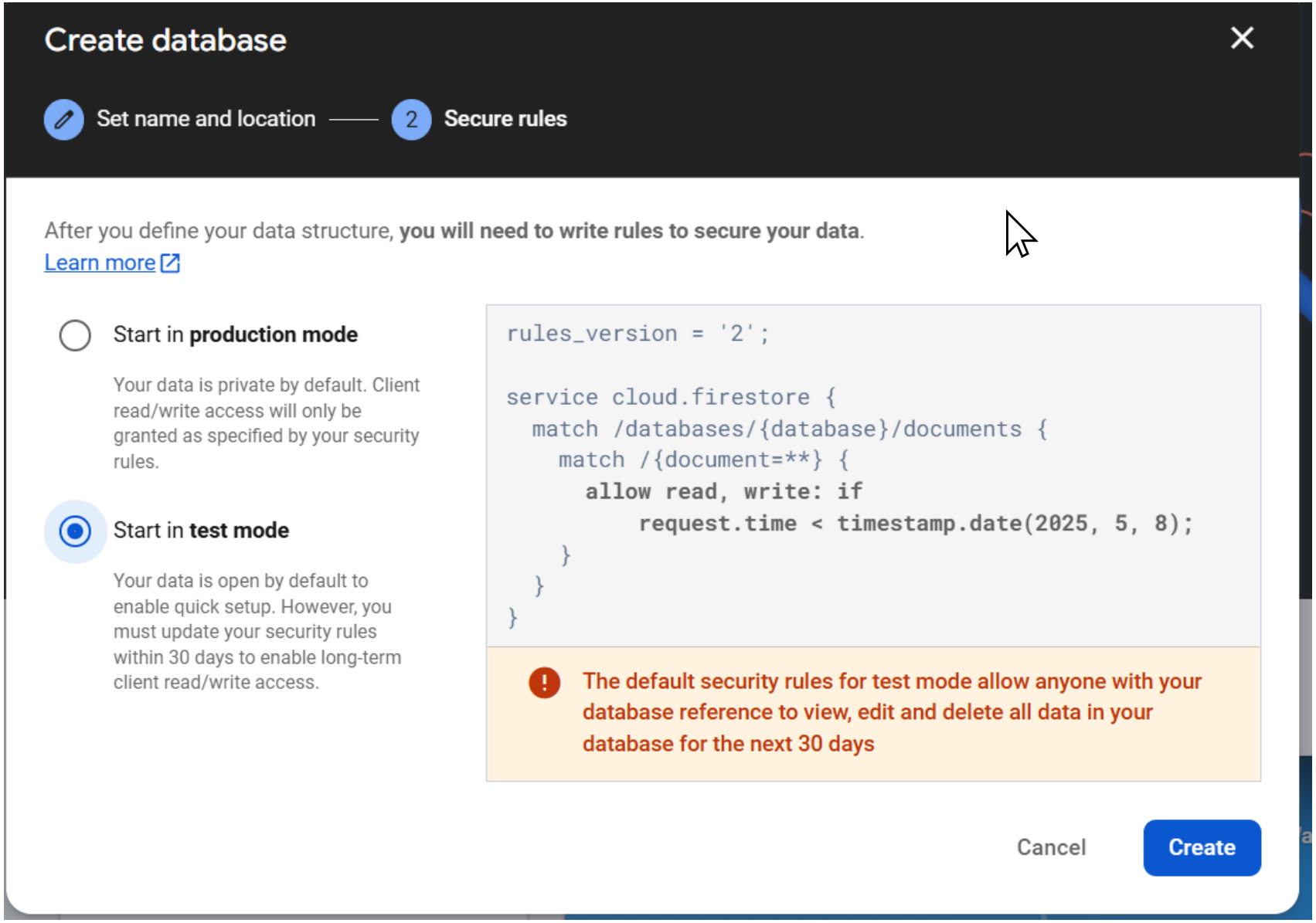
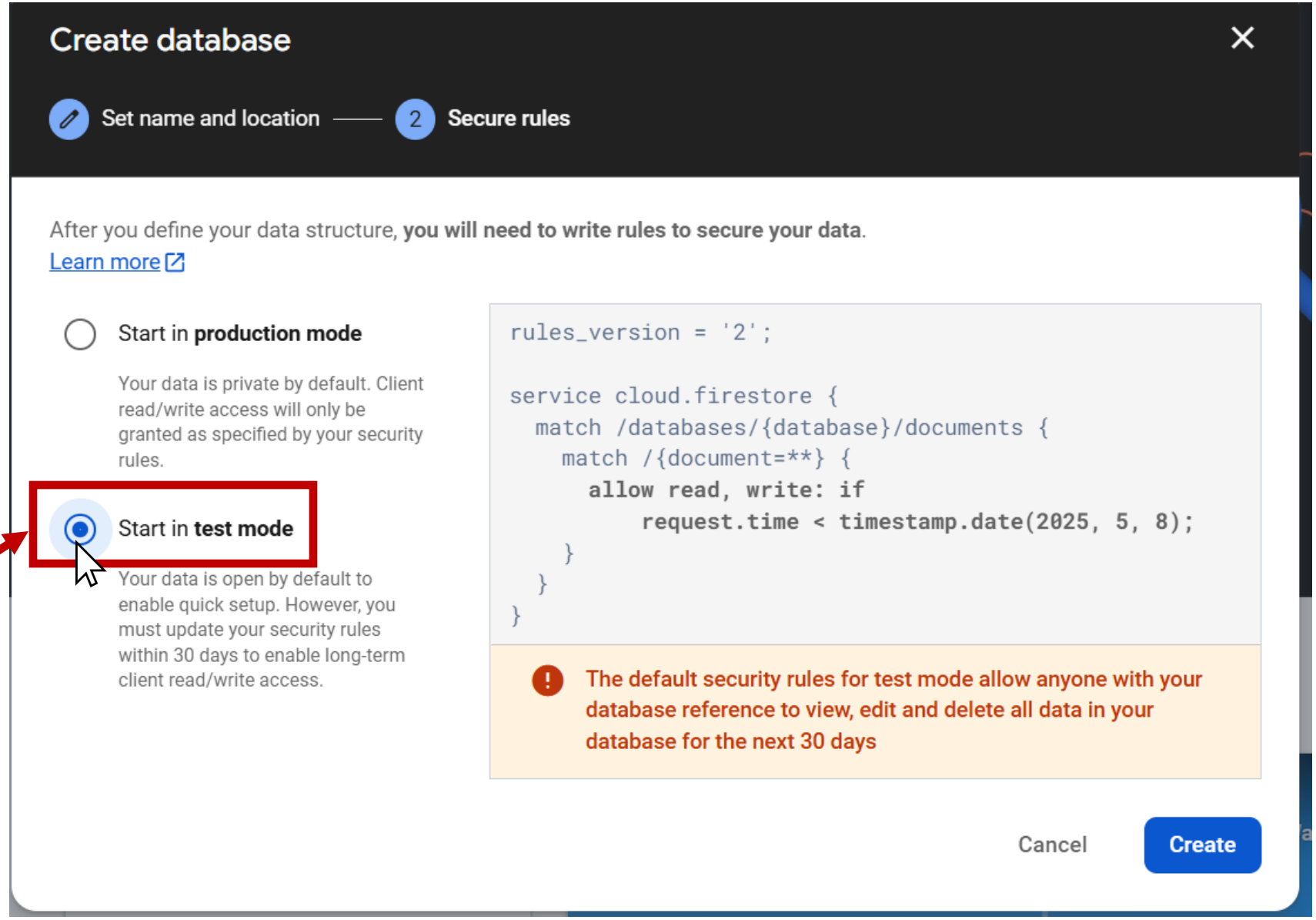
Share

Firebase

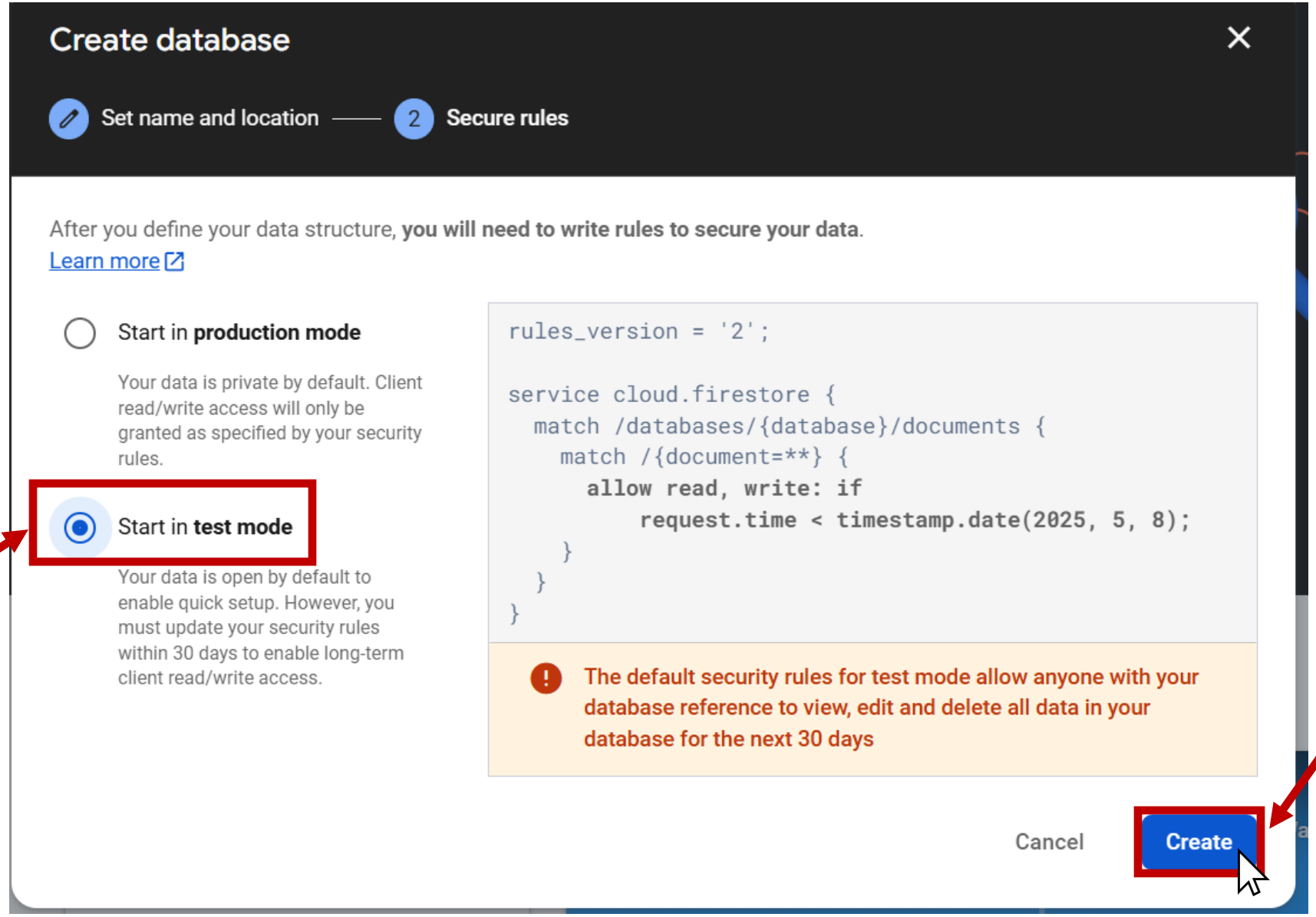

Create database
Set name and location
2
Secure rules
After you define your data structure, you will need to write rules to secure your data.
Learn more
Start in production mode
Your data is private by default. Client read/write access will only be granted as specified by your security rules.
Start in test mode
Your data is open by default to enable quick setup. However, you must update your security rules within 30 days to enable long-term client read/write access.
rules_version = '2';
service cloud.firestore {
match /databases/{database}/documents {
match /{document=**} {
allow read, write: if
request.time < timestamp.date(2025, 5, 8);
}
}
}
The default security rules for test mode allow anyone with your database reference to view, edit and delete all data in your database for the next 30 days
Cancel
Create

Firebase



Click to start in test mode

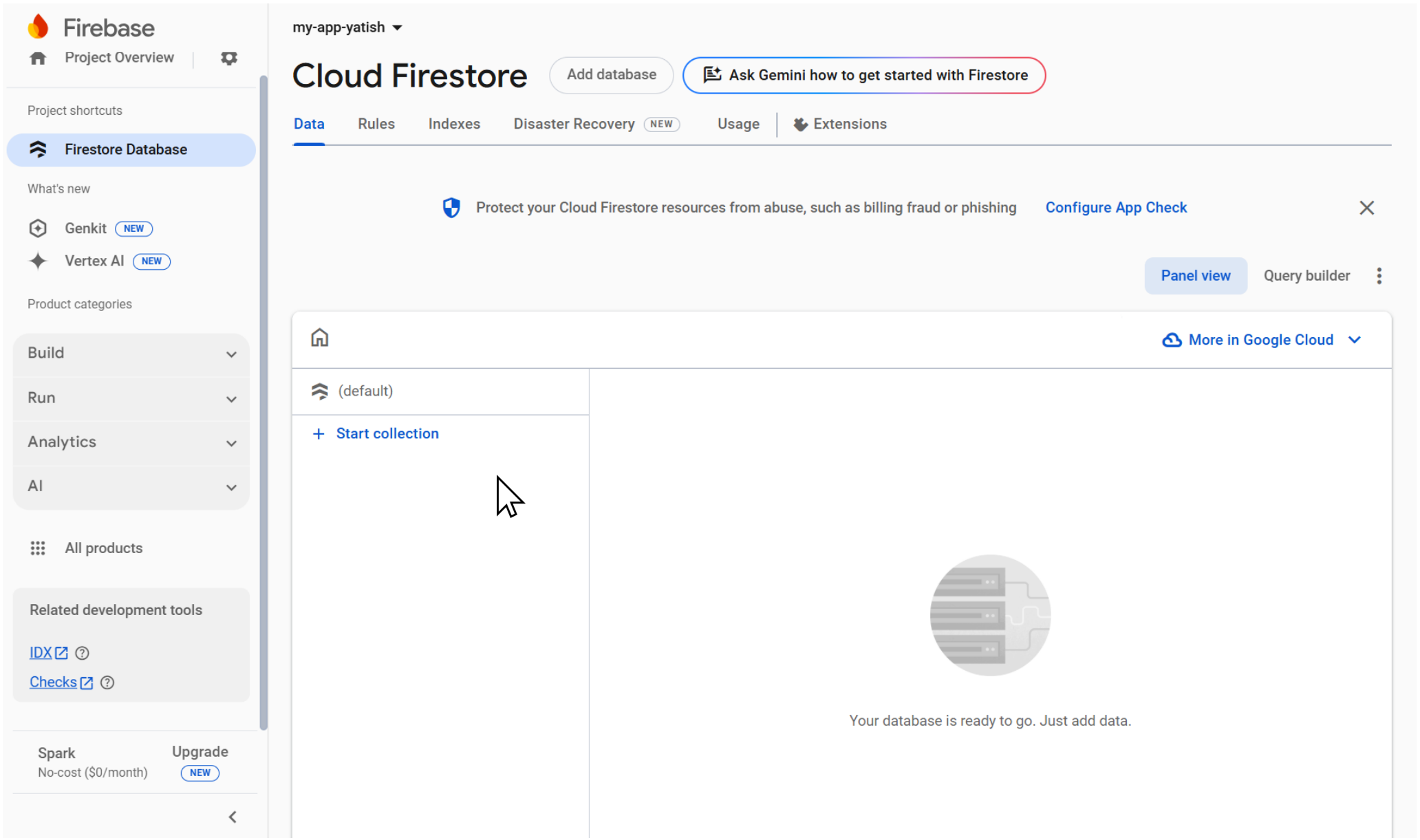
Firebase



Click to start in test mode

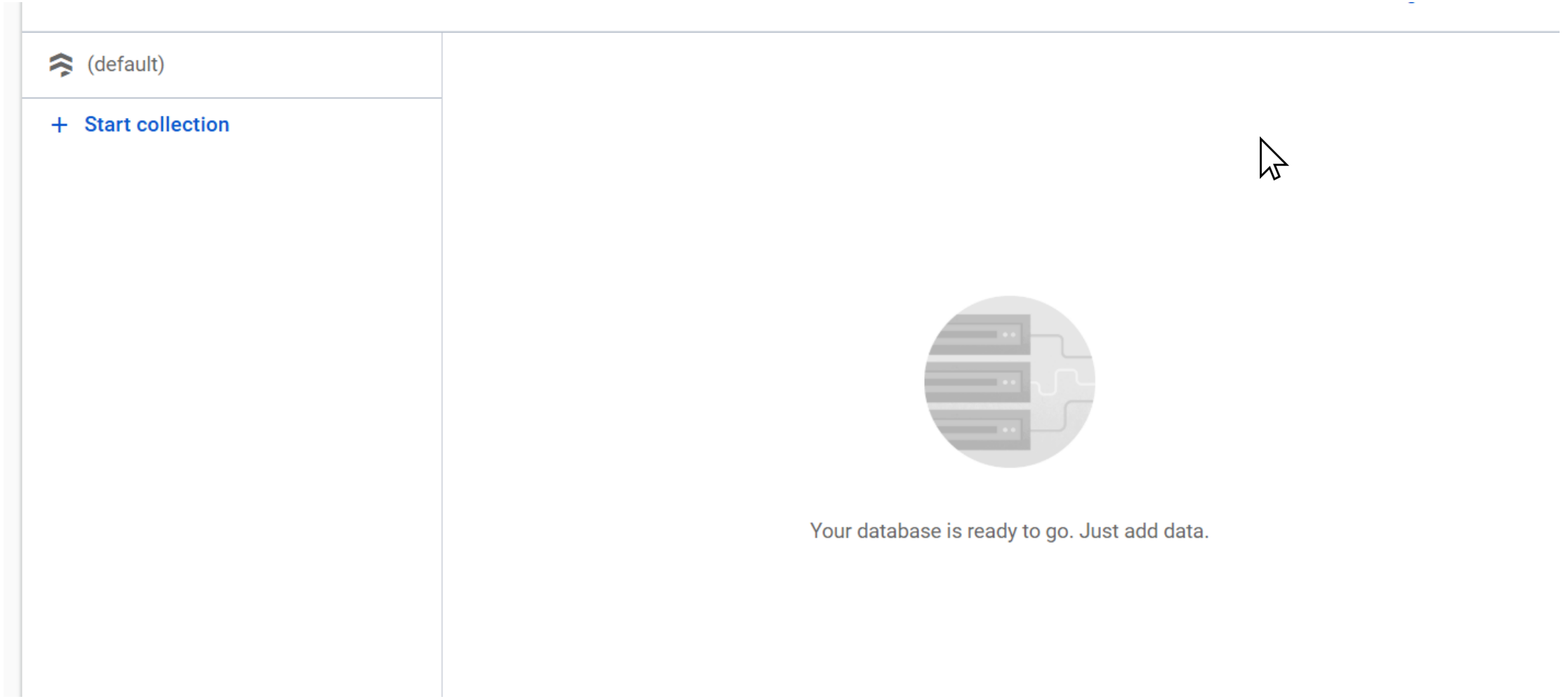
Create the Database

Firebase


Firebase
Project Overview
Project shortcuts
Firestore Database
What's new
Genkit NEW
Vertex AI NEW
Product categories
Build
Run
Analytics
AI
All products
Related development tools
IDX
Checks
Spark
No-cost ($0/month)
Upgrade
NEW
my-app-yatish
Cloud Firestore
Add database
Ask Gemini how to get started with Firestore
Data
Rules
Indexes
Disaster Recovery NEW
Usage
Extensions
Protect your Cloud Firestore resources from abuse, such as billing fraud or phishing
Configure App Check
Panel view
Query builder
More in Google Cloud
(default)
Start collection
Your database is ready to go. Just add data.

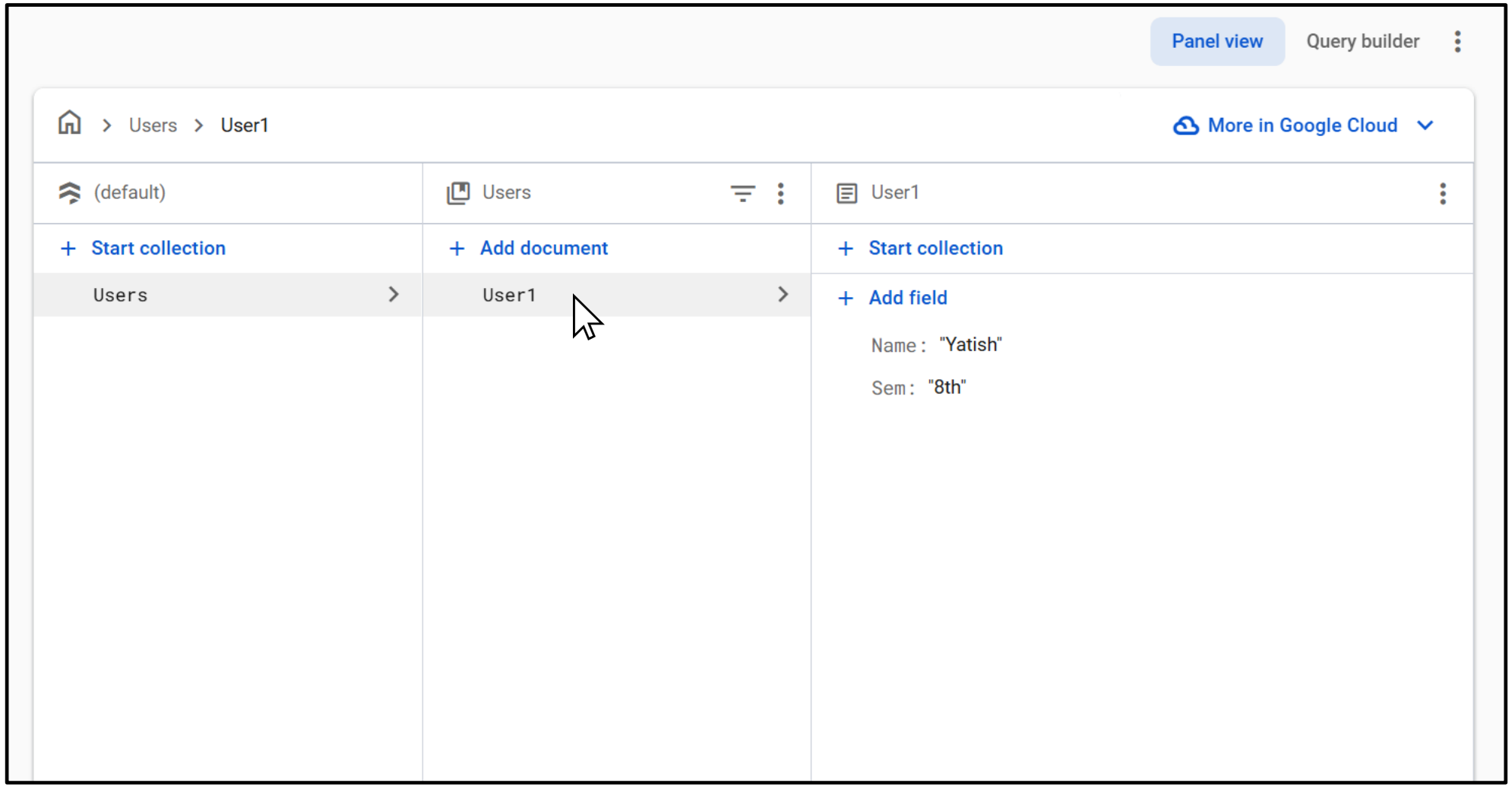
Firebase

Added data will be visible here.



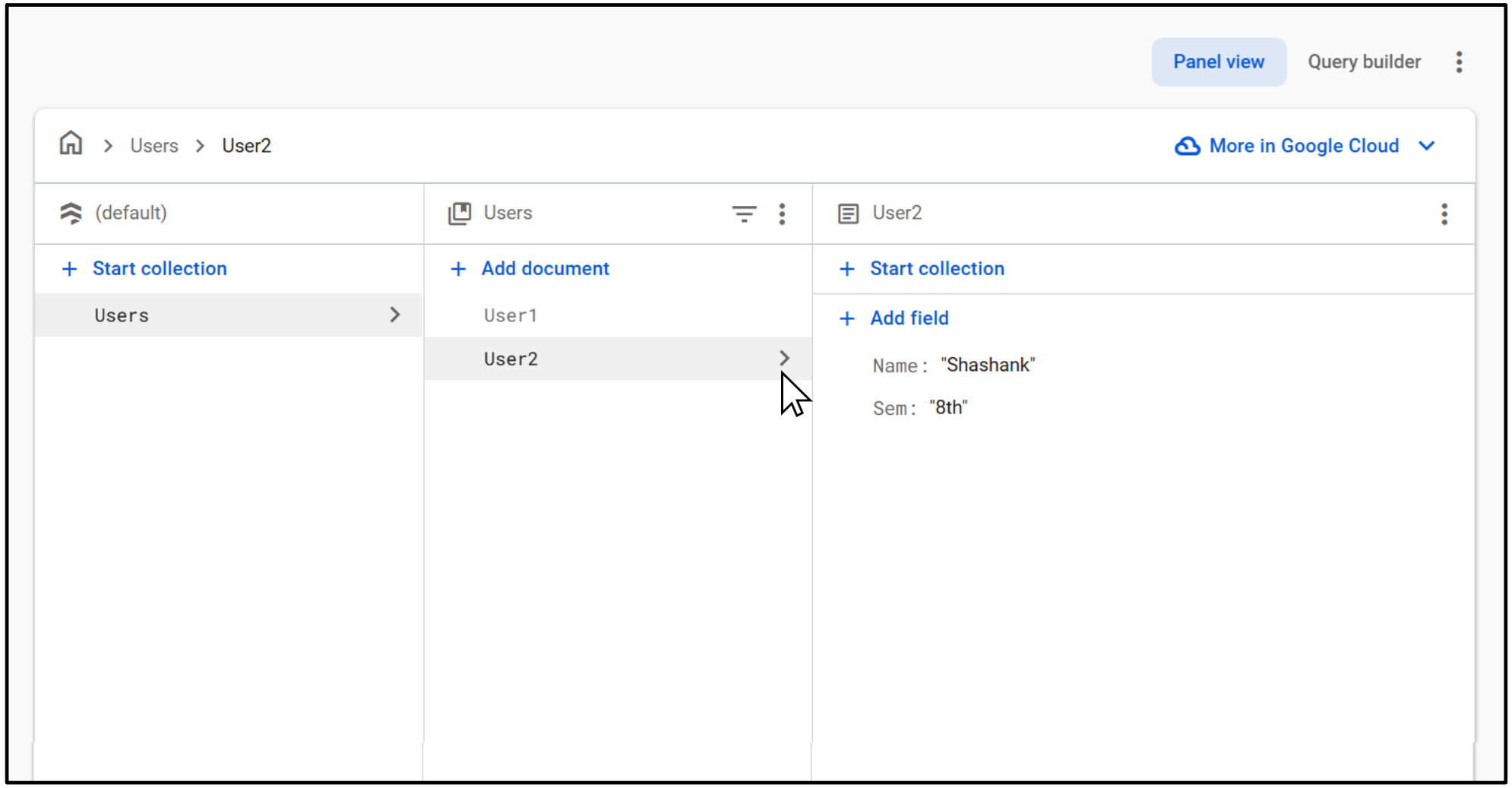
Firebase

Added data will be visible here.

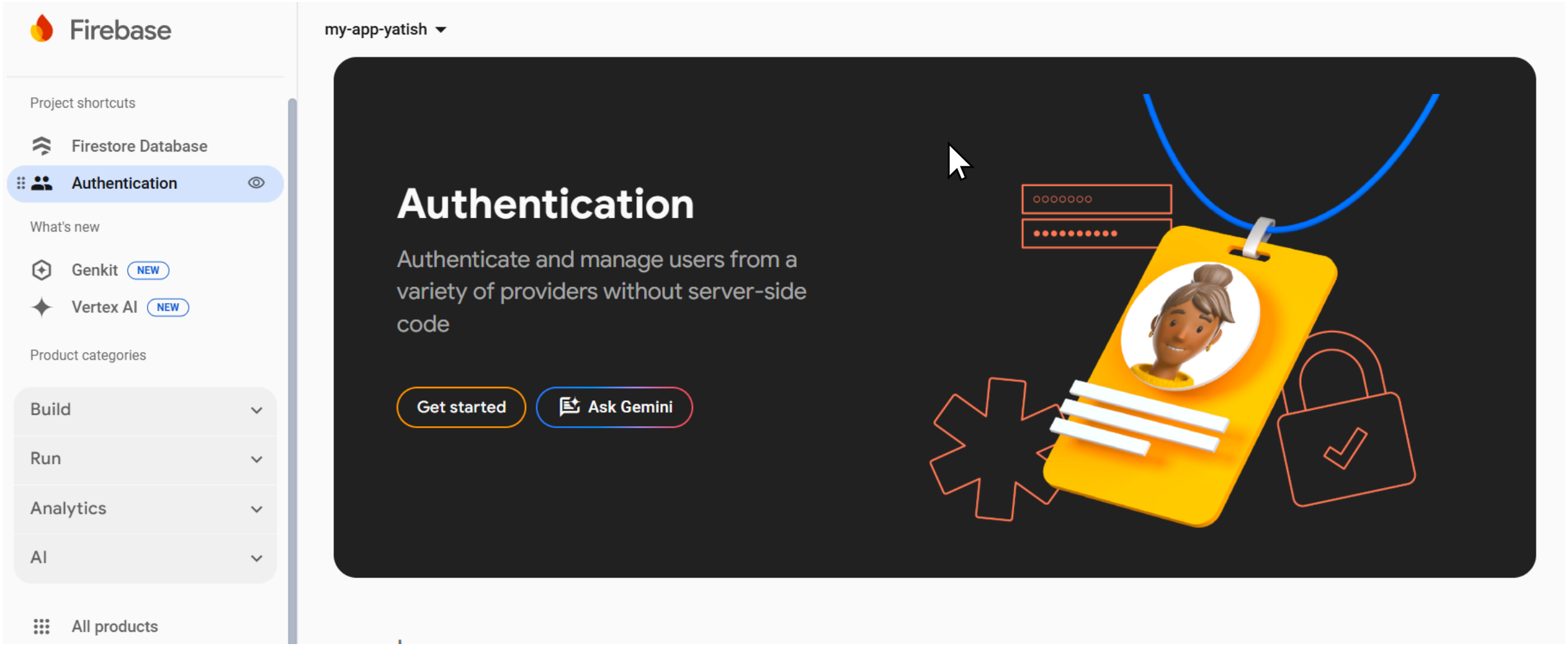


Firebase

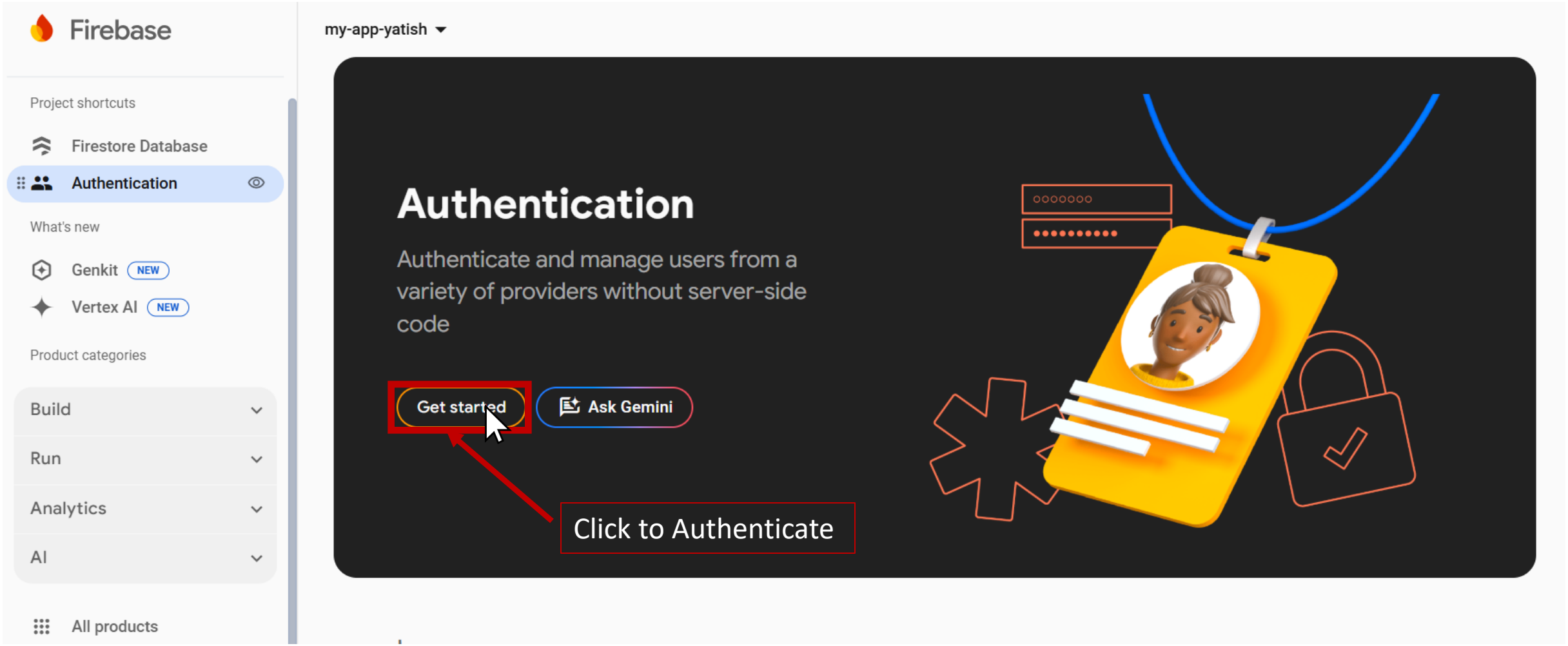
Added data will be visible here.



Firebase


Firebase
my-app-yatish
Project shortcuts
Firestore Database
Authentication
What's new
Genkit NEW
Vertex AI NEW
Product categories
Build
Run
Analytics
AI
All products
Authentication
Authenticate and manage users from a variety of providers without server-side code
Get started
Ask Gemini

Firebase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Project shortcuts
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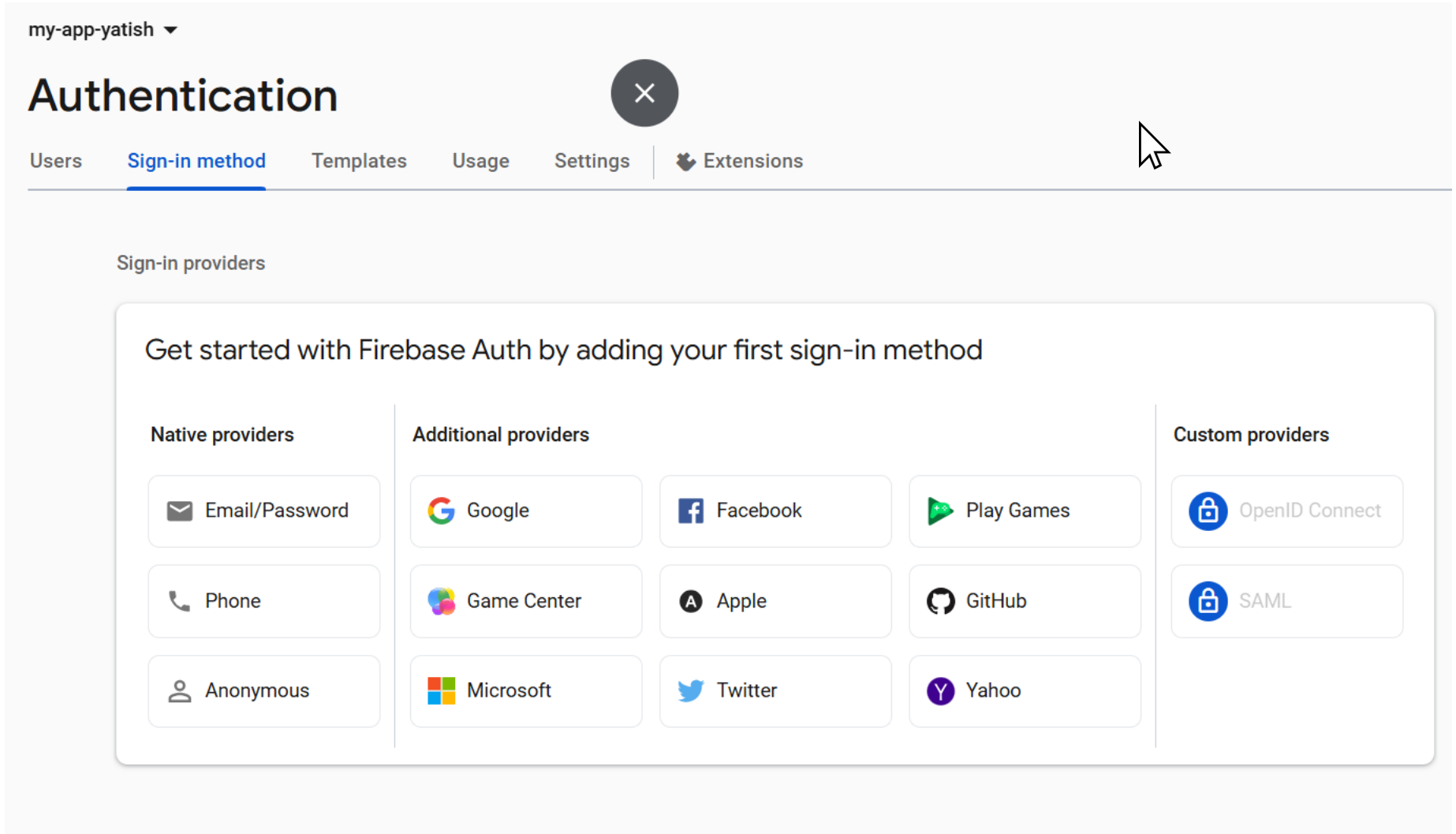
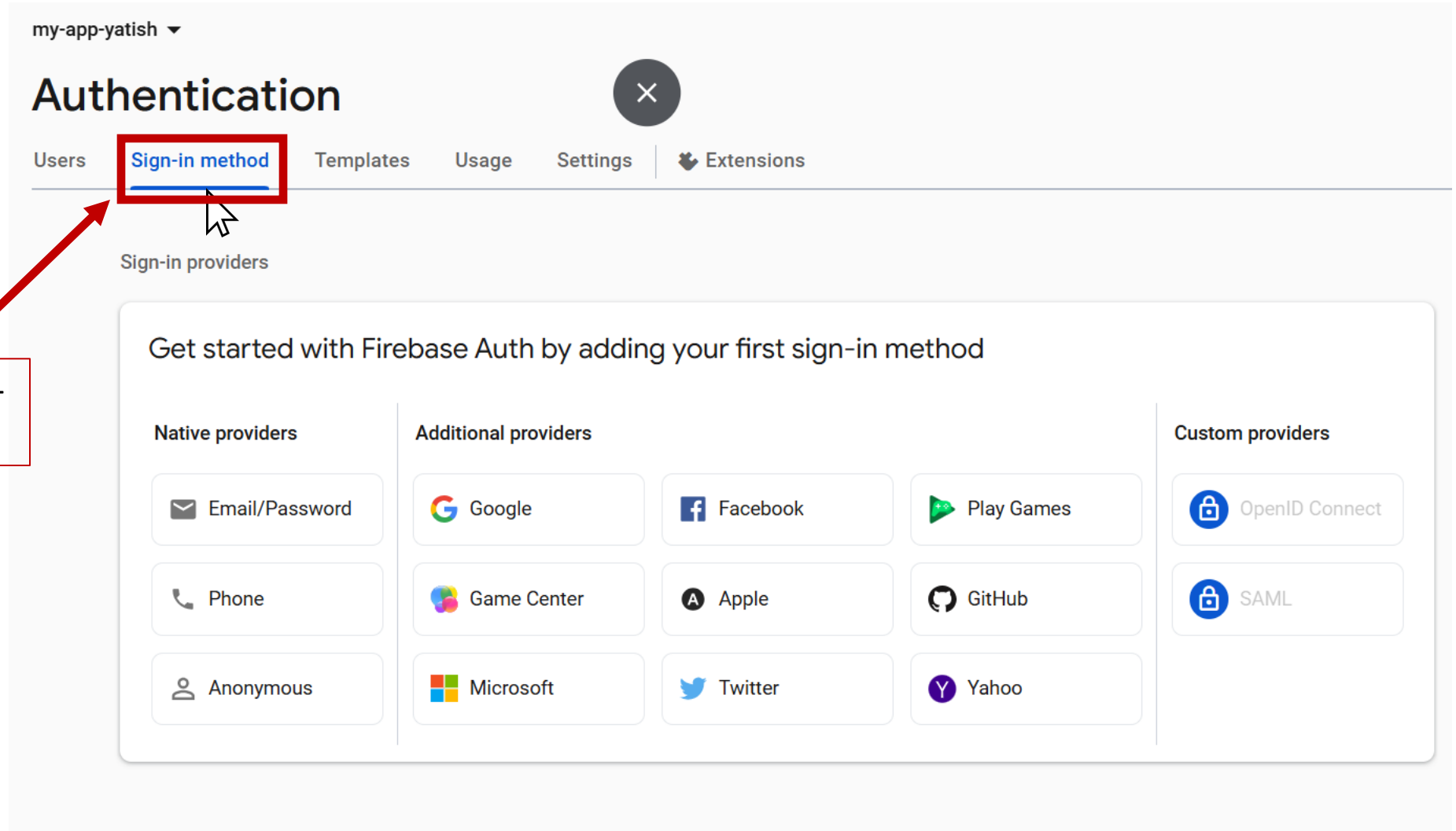
Authentication
Authenticate and manage users from a variety of providers without server-side code
Get started
Ask Gemini
Click to Authenticate

Firebase

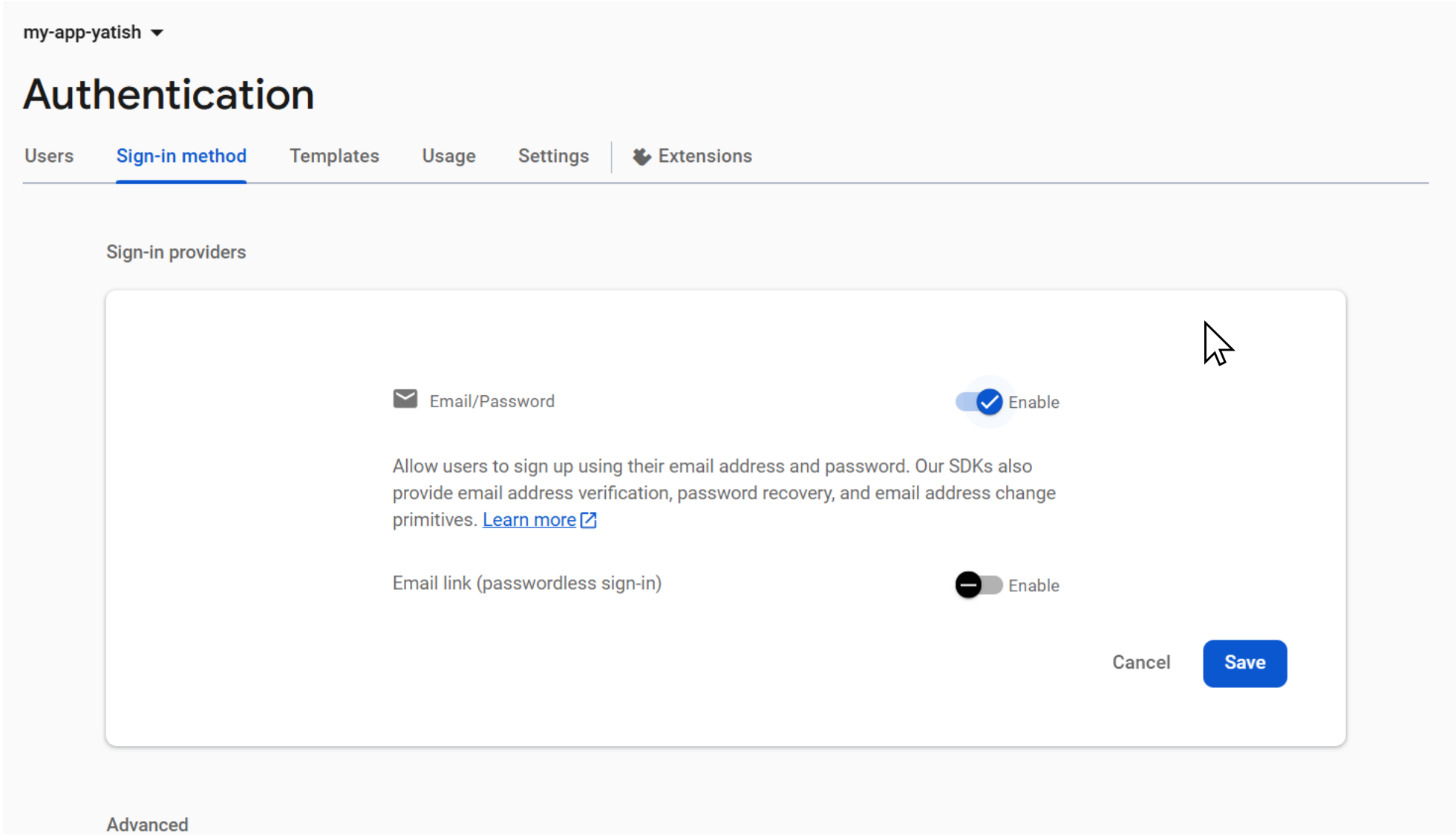

my-app-yatish
Authentication
Users
Sign-in method
Templates
Usage
Settings
Extensions
Sign-in providers
Get started with Firebase Auth by adding your first sign-in method
Native providers
Email/Password
Phone
Anonymous
Additional providers
Google
Facebook
Play Games
Game Center
Apple
GitHub
Microsoft
Twitter
Yahoo
Custom providers
OpenID Connect
SAML

Firebase

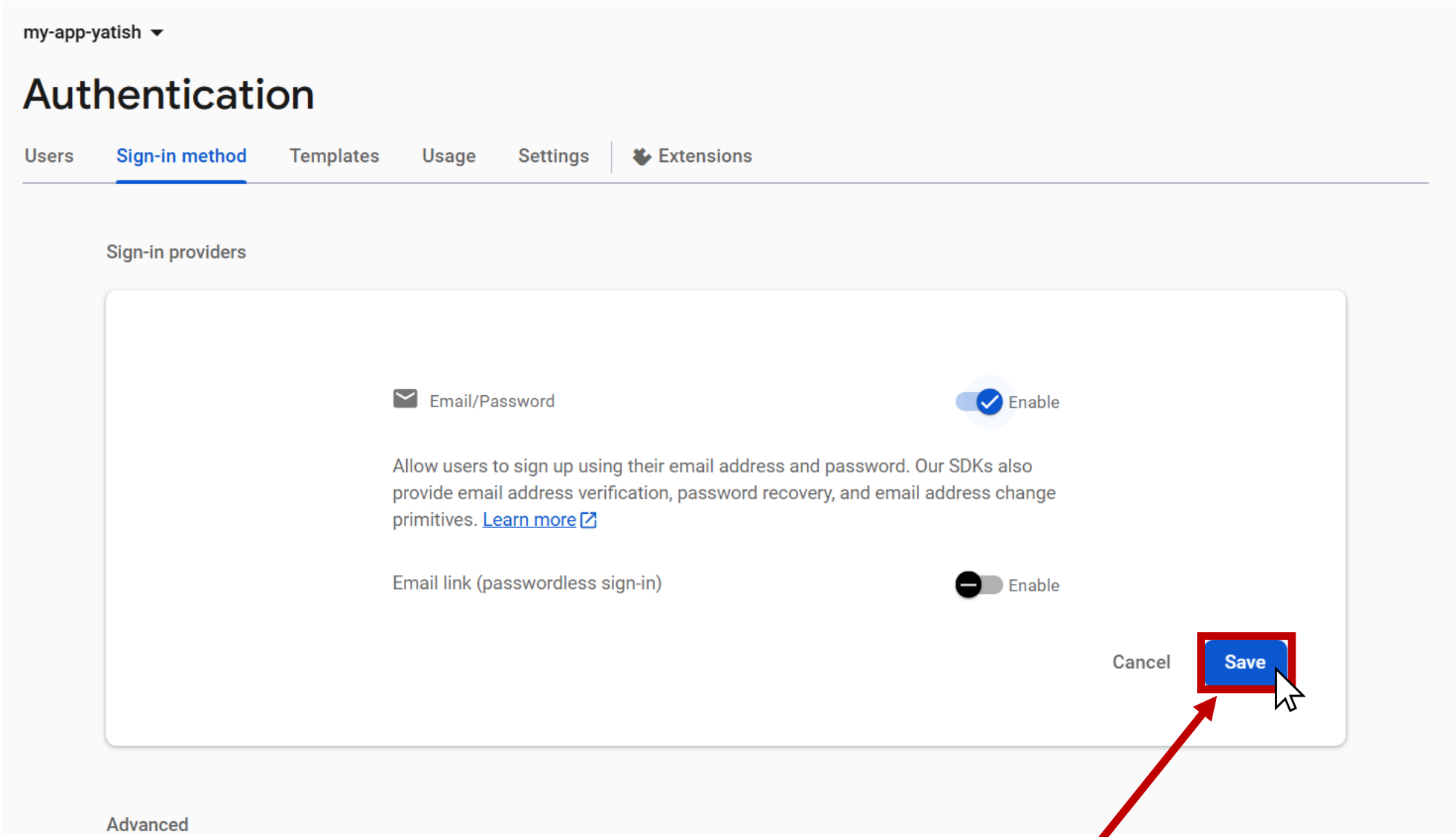


Select the sign-in method

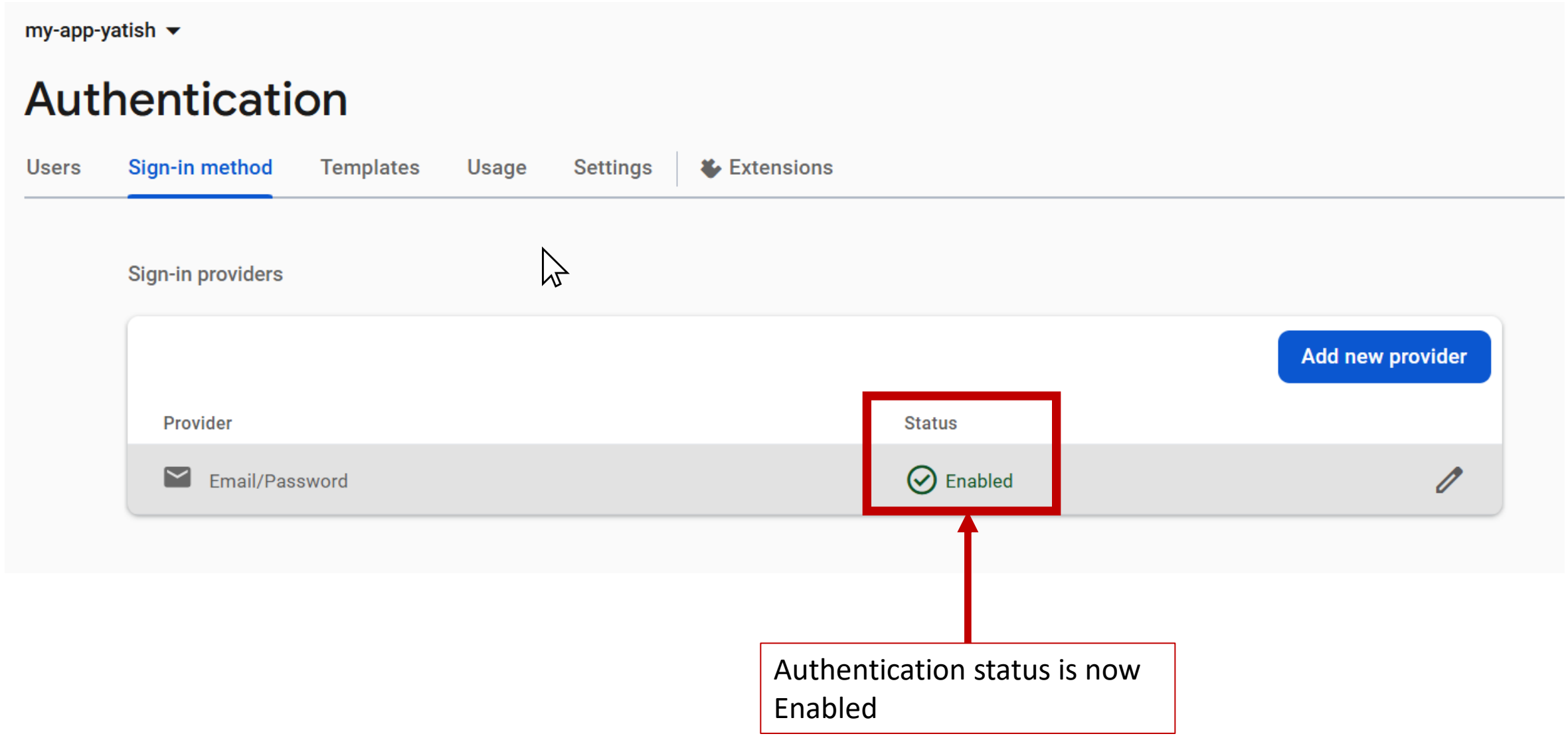
Firebase


my-app-yatish
Authentication
Users
Sign-in method
Templates
Usage
Settings
Extensions
Sign-in providers
Email/Password
Enable
Allow users to sign up using their email address and password. Our SDKs also provide email address verification, password recovery, and email address change primitives. Learn more
Email link (passwordless sign-in)
Enable
Cancel
Save
Advanced

Firebase


my-app-yatish
Authentication
Users
Sign-in method
Templates
Usage
Settings
Extensions
Sign-in providers
Email/Password
Enable
Allow users to sign up using their email address and password. Our SDKs also provide email address verification, password recovery, and email address change primitives. Learn more
Email link (passwordless sign-in)
Enable
Cancel
Save
Advanced
Click on Save

Firebase


my-app-yatish
Authentication
Users
Sign-in method
Templates
Usage
Settings
Extensions
Sign-in providers
Add new provider
Provider
Status
Email/Password
Enabled
Authentication status is now Enabled

Firebase

Thank You!