

This quickstart introduces you to Text-to-Speech. In this quickstart, you set up your Google Cloud Platform project and authorization and then make a request for Text-to-Speech to create audio from text.

To learn more about the fundamental concepts in Text-to-Speech, read [Text-to-Speech Basics](/text-to-speech/docs/basics) (/text-to-speech/docs/basics).

1. [Sign in](https://accounts.google.com/Login) (https://accounts.google.com/Login) to your Google Account.

If you don't already have one, [sign up for a new account](https://accounts.google.com/SignUp) (https://accounts.google.com/SignUp).

2. In the Cloud Console, on the project selector page, select or create a Cloud project.

★ **Note:** If you don't plan to keep the resources that you create in this procedure, create a project instead of selecting an existing project. After you finish these steps, you can delete the project, removing all resources associated with the project.

[Go to the project selector page](https://console.cloud.google.com/projectselector2/home/dashboard) (https://console.cloud.google.com/projectselector2/home/dashboard)

3. Make sure that billing is enabled for your Google Cloud project. [Learn how to confirm billing is enabled for your project](/billing/docs/how-to/modify-project) (/billing/docs/how-to/modify-project).

4. Enable the Cloud Text-to-Speech API.

[Enable the API](https://console.cloud.google.com/flows/enableapi?apiid=texttospeech.googleapis.com) (https://console.cloud.google.com/flows/enableapi?apiid=texttospeech.googleapis.com)

5. Set up authentication:

- a. In the Cloud Console, go to the **Create service account key** page.

[Go to the Create Service Account Key page](https://console.cloud.google.com/apis/credentials/serviceaccountkey) (https://console.cloud.google.com/apis/credentials/serviceaccountkey)

- b. From the **Service account** list, select **New service account**.

- c. In the **Service account name** field, enter a name.

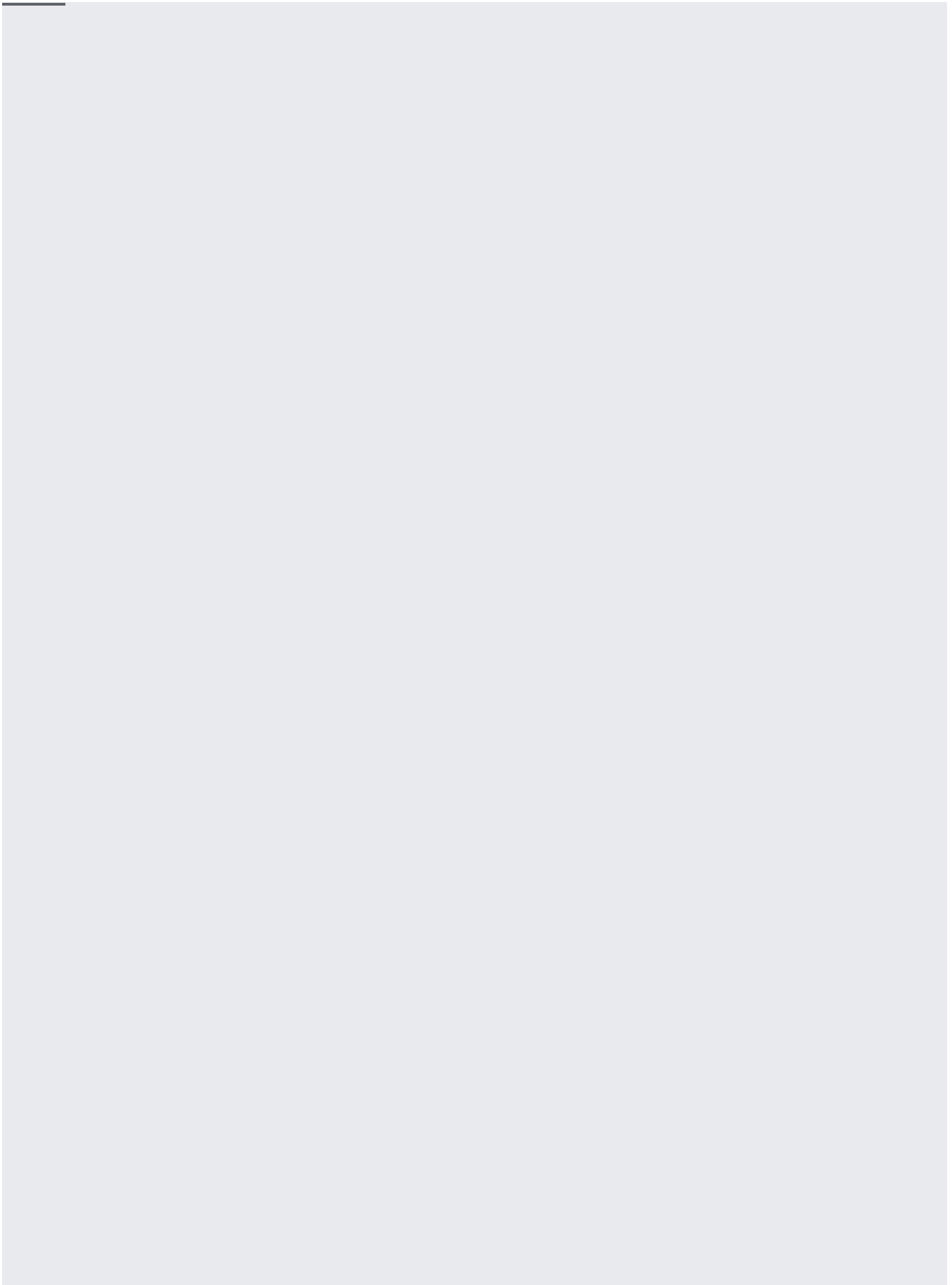
- d. Don't select a value from the **Role** list. No role is required to access this service.

- e. Click **Create**. A note appears, warning that this service account has no role.

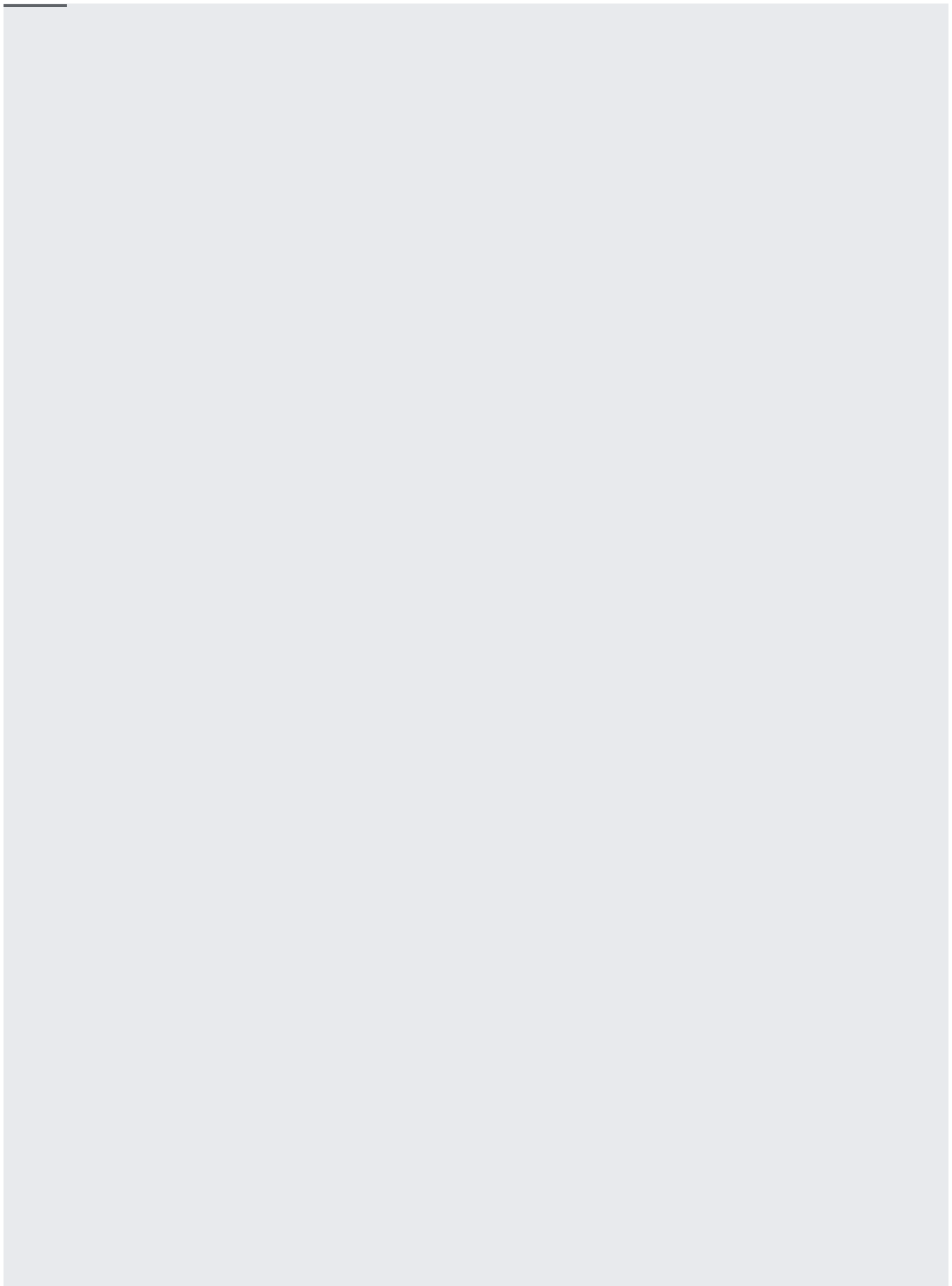
- f. Click **Create without role**. A JSON file that contains your key downloads to your computer.

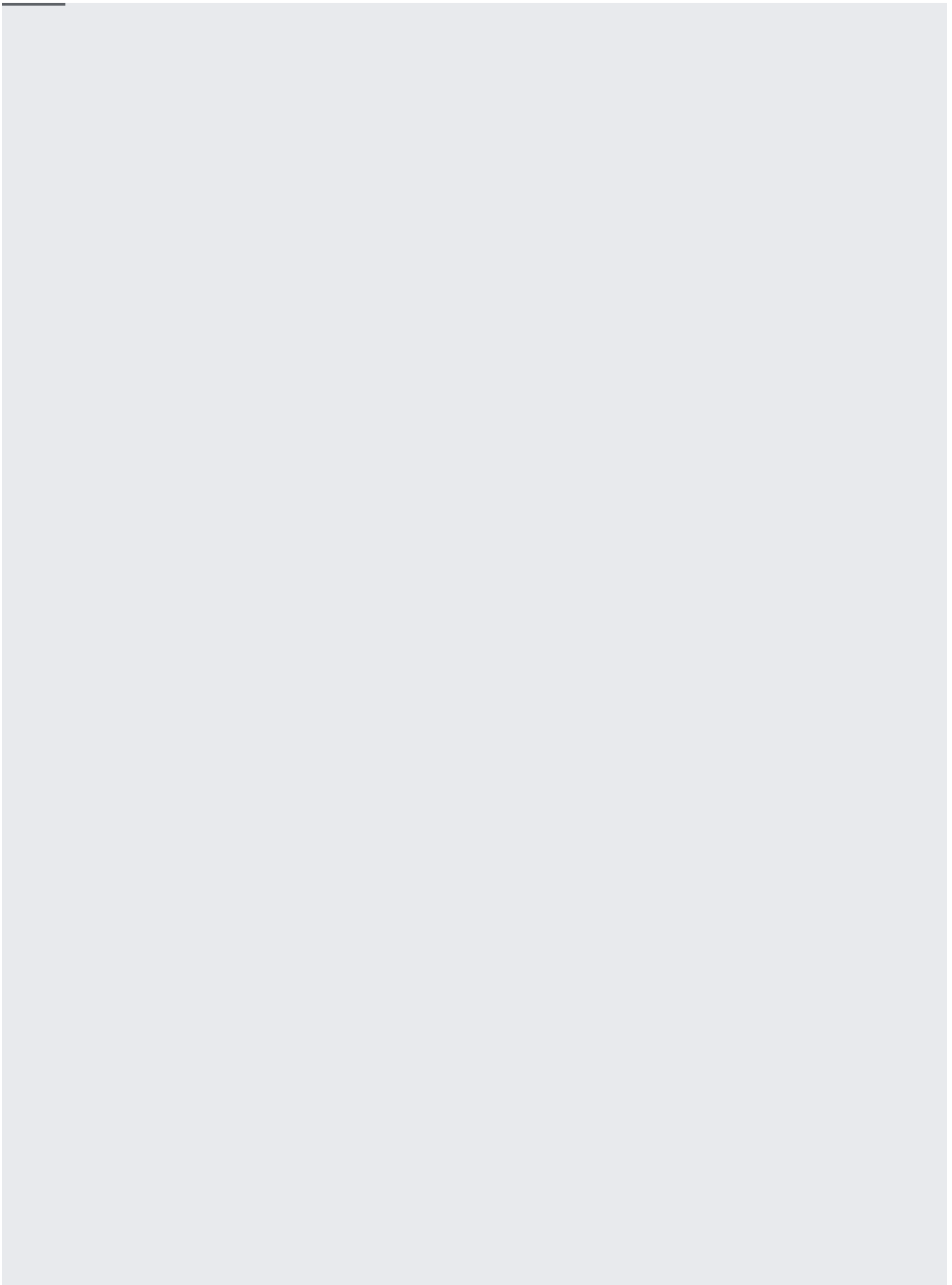
6. Set the environment variable **GOOGLE_APPLICATION_CREDENTIALS** to the path of the JSON file that contains your service account key. This variable only applies to your current shell session, so if you open a new session, set the variable again.

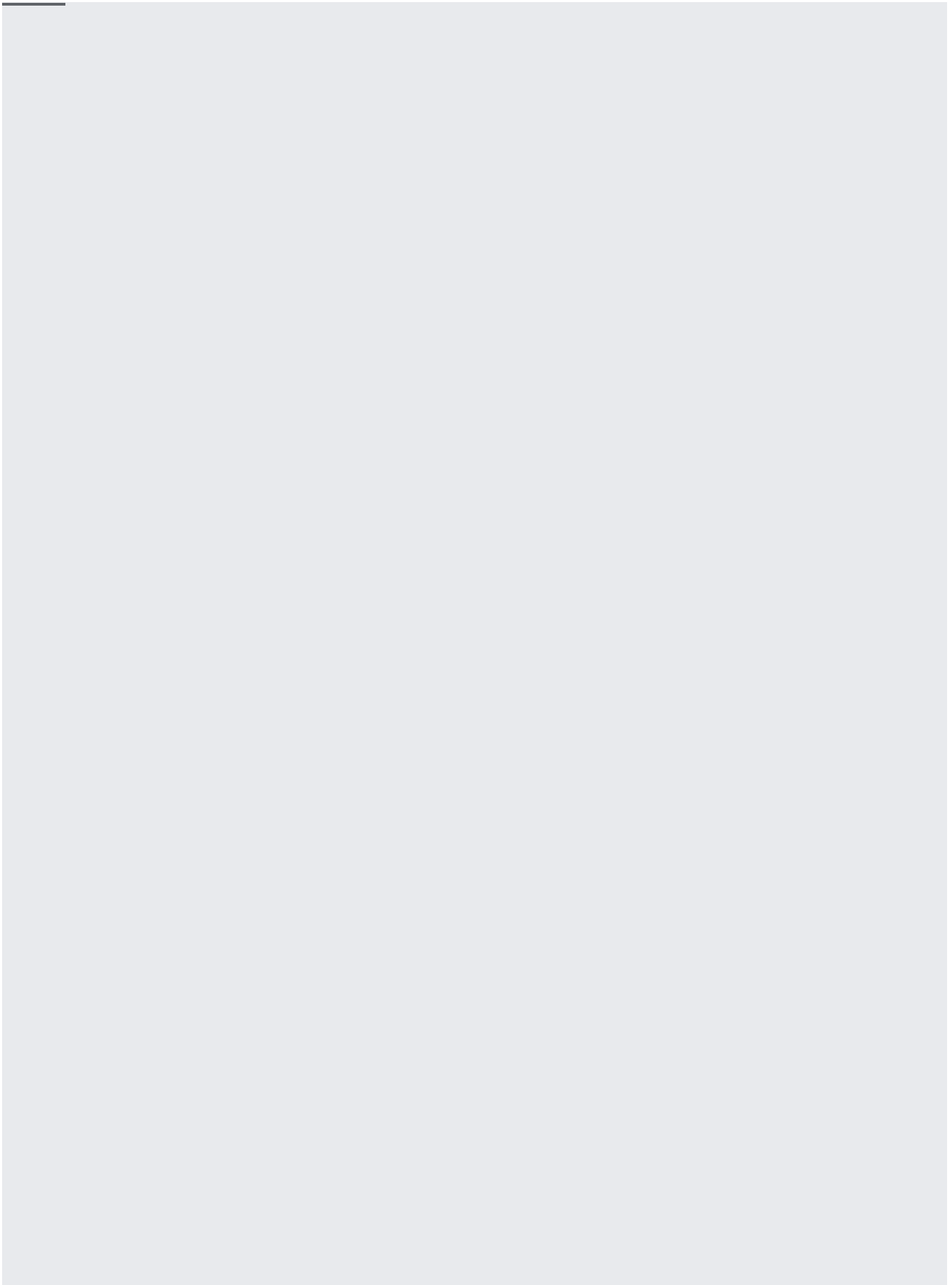
7. [Install and initialize the Cloud SDK \(/sdk/docs/\)](#).

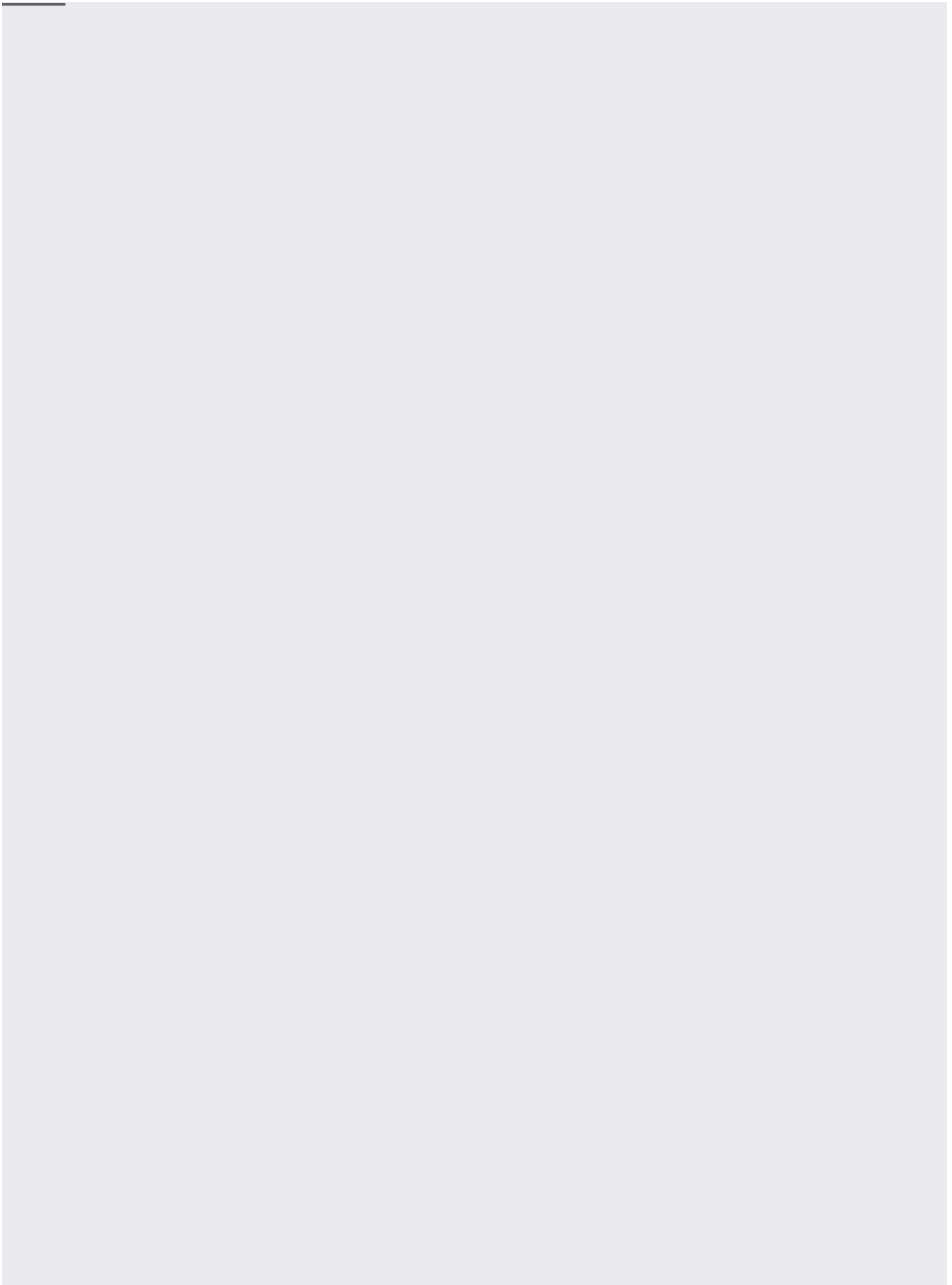


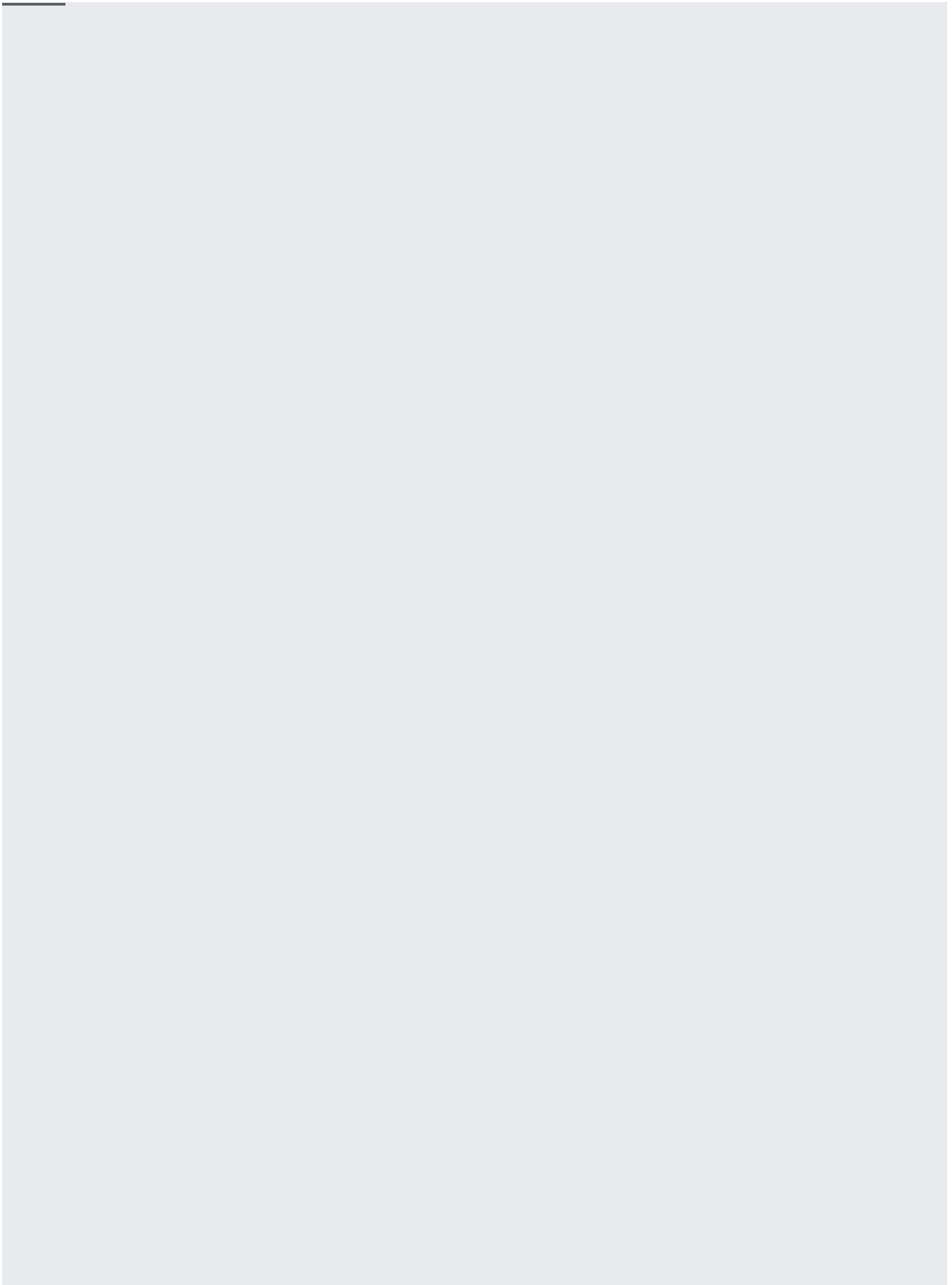
Now you can use Text-to-Speech to create an audio file of synthetic human speech. Use the following code to send a **synthesize** (`/text-to-speech/docs/reference/rest/v1beta1/text/synthesize`) request to the Cloud Text-to-Speech API.

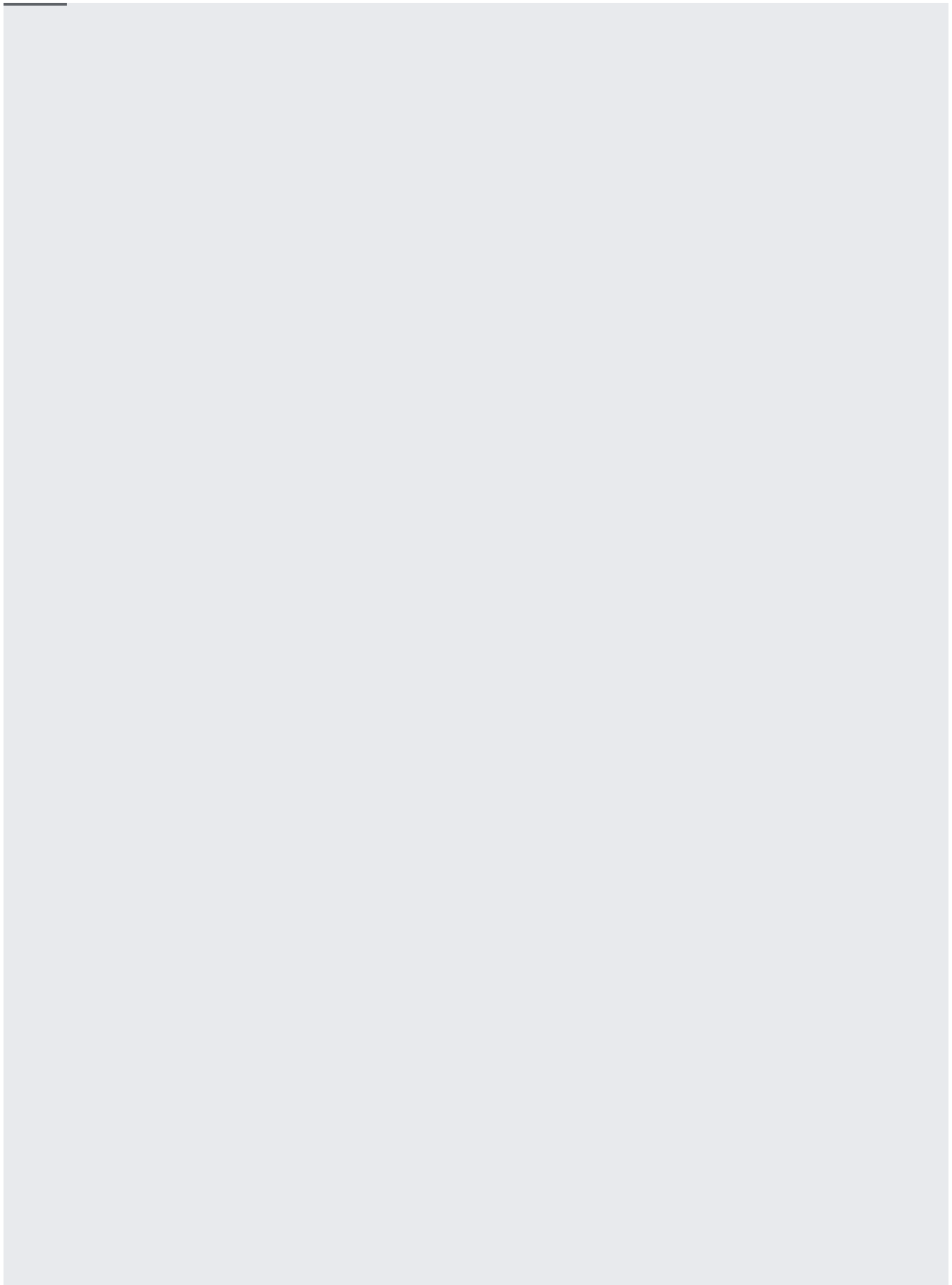












Congratulations! You've sent your first request to Text-to-Speech.

To avoid incurring charges to your Google Cloud account for the resources used in this quickstart, follow these steps.

- Use the [Cloud Console](https://console.cloud.google.com/) (<https://console.cloud.google.com/>) to delete your project if you don't need it.
- Learn more about Cloud Text-to-Speech by reading the [basics](/text-to-speech/docs/basics) (</text-to-speech/docs/basics>).
- Review the list of [available voices](/text-to-speech/docs/voices) (</text-to-speech/docs/voices>) you can use for synthetic speech.

