



eKitap Projesi

Gemini API

➡ <https://aistudio.google.com/app/api-keys> adresinden create API key alıyorsunuz

We have updated our [Terms of Service](#) [Dismiss](#)

Google AI Studio

< Dashboard

API keys

Projects

Usage and Billing

Logs and Datasets

Changelog ↗

API Keys

Group by • API key Project

Filter by All projects ▼

[API quickstart](#) [Create API key](#)

Key	Project	Created on	Quota tier
...rObw Default Gemini API Key	Default Gemini Project gen-lang-client-0721707562	Jan 1, 2026	Set up billing Free tier

✎ 💰 📊 ⋮

Can't find your API keys here?

This list only shows API keys for projects imported into Google AI Studio. Import other projects to manage their associated API Keys. You can also create a new API Key above. [Learn more](#)

[Import projects](#)

❄️ Let it snow

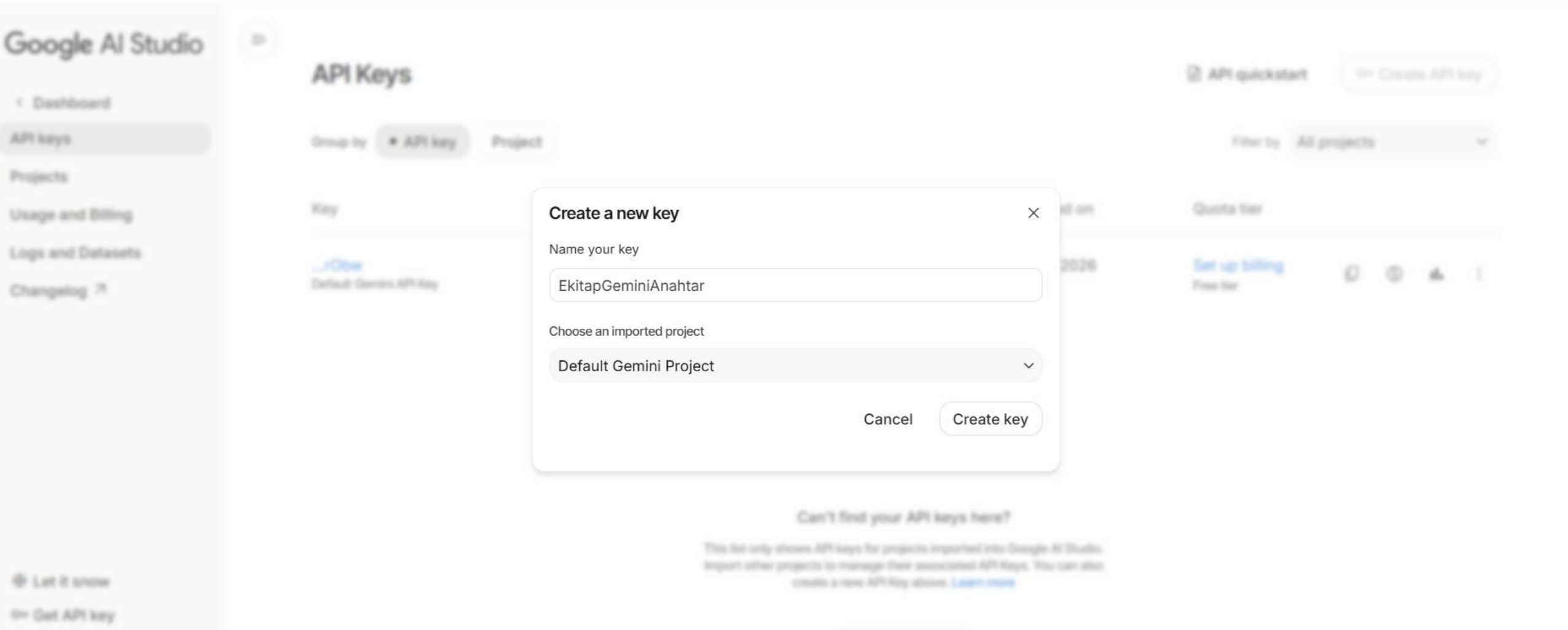
🔑 Get API key

⚙️ Settings

👤 huseyinural02@gm...

Gemini API

- İsim verip default projeyi seçiyorsunuz



The screenshot shows the Google AI Studio interface. On the left is a sidebar with navigation links: Dashboard, API keys (selected), Projects, Usage and Billing, Logs and Datasets, and Changelog. The main area is titled 'API Keys' and has tabs for 'API key' and 'Project'. A modal dialog titled 'Create a new key' is open in the center. It contains a text input field for 'Name your key' with the value 'EkitapGeminiAnahtar', a dropdown menu for 'Choose an imported project' with 'Default Gemini Project' selected, and two buttons at the bottom: 'Cancel' and 'Create key'. The background is slightly blurred, showing a table of API keys and a 'Set up billing' button.

Google AI Studio

Dashboard

API keys

Projects

Usage and Billing

Logs and Datasets

Changelog

API Keys

Group by API key Project

Filter by All projects

Key

Default Gemini API Key

Create a new key

Name your key

EkitapGeminiAnahtar

Choose an imported project

Default Gemini Project

Cancel Create key

Can't find your API keys here?

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API quickstart

Create API key

Set up billing

Free tier

Let it snow

Get API key

Gemini API

- Açılan ekranda ismini verdiğimiz anahtarı seçip aşağıdaki API key'i alıyoruz

The screenshot shows the Google AI Studio interface. On the left is a sidebar with navigation links: Dashboard, API keys (selected), Projects, Usage and Billing, Logs and Datasets, and Changelog. The main area is titled 'API Keys' and has a 'Group by' dropdown set to 'API key'. A modal window titled 'API key details' is open, displaying the following information:

- API Key:** AlzaSyD_tQm8Pt1YeP9uYuyCEIT8_kCK5TJhvks
- Name:** EkitapGeminiAnahtar
- Project name:** projects/275073585734
- Project number:** 275073585734

At the bottom of the modal are three buttons: 'Delete key', 'Copy cURL quickstart', and 'Copy key'. The background shows a table of API keys with columns for 'Created on', 'Quota tier', and 'Actions'. The first row shows a key created on '10/20/2024' with a 'Free tier' quota.



Gemini API

- Projemizdeki application.properties dosyasına aşağıdaki komutları ekliyoruz
- gemini.api.key=AlzaSyD_tQm8Pt1YeP9uYuyCEIT8_kCK5TJhvks
- gemini.api.url=https://generativelanguage.googleapis.com/v1beta/models/gemini-pro:generateContent
- Daha sonra Google Cloud console'a bağlanıyoruz
 - <https://console.cloud.google.com/apis/library>
 - Açılan ekranda -default gemini project- seçin

Gemini API

- Arama kutusuna aşağıdaki komutu yazıyoruz
 - Generative Language API

The screenshot shows the Google Cloud API Library interface. At the top, the Google Cloud logo and 'Default Gemini Project' are visible. The breadcrumb trail indicates 'APIs & Services / API Library'. The main heading is 'Welcome to the API Library' with a subtext: 'The API Library has documentation, links, and a smart search experience.' A search bar contains the text 'Generative Language API'. Below the search bar, a 'Filter' section on the left allows filtering by 'Visibility' (Public: 505, Private: 2) and 'Category'. The main content area displays a grid of API cards. The first card is 'Maps SDK for Android' by Google, described as 'Maps for your native Android app.' The second card is 'Maps SDK for iOS' by Google, described as 'Maps for your native iOS app.' The third card is 'Maps JavaScript API' by Google, described as 'Maps for your website.' The fourth card is 'Places API' by Google Enterprise API, described as 'Get detailed information about 100 million places.' A 'View all (33)' link is present at the top right of the grid.

Google Cloud Default Gemini Project

APIs & Services / API Library

API Library

Welcome to the API Library

The API Library has documentation, links, and a smart search experience.

Generative Language API

Filter Type to filter

Visibility (505) (2)

Category

Maps SDK for Android Google Maps for your native Android app.

Maps SDK for iOS Google Maps for your native iOS app.


Maps JavaScript API Google Maps for your website


Places API Google Enterprise API Get detailed information about 100 million places







View all (33)

Gemini API

- Ekrandaki Gemini API seçeneğini seçiyoruz



 Start your Free Trial with \$300 in credit. Don't worry—you won't be charged if you run out of credits. [Learn more](#)

 Default Gemini Project


     

API APIs & Services / API Library / Browse


API API Library


API Library > "Generative Language API"

 Filter

Type to filter


Visibility 

Public (1)

Category 

Machine learning (1)

1 result



Gemini API


Google

The Gemini API allows developers to build generative AI applications using Gemini models. Gemini is our most capable model, built from the ground up to be multimodal. It can generalize and seamlessly understand, operate across, and combine different types of information including language, images, audio, video, and code. You can use the Gemini API for use cases like reasoning across text...

[Google Cloud Marketplace Terms of Service](#)


Gemini API

➡ Ekranda API Enabled seçeneğini görmemiz gerekiyor

Google Cloud

Default Gemini Project


Product details



Gemini API

[Google](#)

Build with latest models from Google Deepmind using the Gemini API for Developers

[Manage](#)  API Enabled

[Overview](#) [Pricing](#) [Documentation](#) [Related Products](#)

Overview

The Gemini API allows developers to build generative AI applications using Gemini models. Gemini is our most capable model, built from the ground up to be multimodal. It can generalize and seamlessly understand, operate across, and combine different types of information including language, images, audio, video, and code. You can use the Gemini API for use cases like reasoning across text and images, content

Additional details

Type: [SaaS & APIs](#)
Last product update: 3/17/25
Category: [Machine learning](#)
Service name: generativelanguage.googleapis.com



Gemini API

- ▶ Aldığımız key'i application.properties dosyasına ekliyoruz ve Gemini api adresini de ekliyoruz:
 - ▶ gemini.api.key=AlzaSyD_tQm8Pt1YeP9uYuyCEIT8_kCK5TJhvks
 - ▶ gemini.api.url=https://generativelanguage.googleapis.com/v1beta/models/gemini-pro:generateContent
- ▶ Daha sonra sadece kontrol ve servis sınıfı ekliyoruz.



```
package com.ornek.kitapliste.kontrol;

import com.ornek.kitapliste.dto.KitapGeminiDTO; import com.ornek.kitapliste.model.Kitap; import com.ornek.kitapliste.servis.GeminiServisi;
import com.ornek.kitapliste.servis.KitapServisi; import org.springframework.web.bind.annotation.*;

@RestController
@RequestMapping("/gemini")

public class GeminiKontrol {

    private final GeminiServisi geminiServisi;

    private final KitapServisi kitapServisi;

    public GeminiKontrol(GeminiServisi geminiServisi, KitapServisi kitapServisi) {

        this.geminiServisi = geminiServisi;

        this.kitapServisi = kitapServisi;

    }

    @PostMapping("/kitap-soru")

    public String kitapHakkindaSoru(@RequestBody KitapGeminiDTO dto) {

        if (dto.getKitapId() == null) {

            throw new IllegalArgumentException("kitapId frontend'den gelmedi");

        }

        Kitap kitap = kitapServisi.kitapBul(dto.getKitapId());

        String istek = ""

        Aşağıda bilgileri verilen kitap hakkında kullanıcı sorusunu cevapla. Cevabı sade, anlaşılır ve kullanıcı dostu ver. Eğer kesin cevap veremezsen tahmini cevap verebilirsin.

        Kitap:

        Başlık: %s

        Yazar: %s
```



```
package com.ornek.kitapliste.servis;

import com.fasterxml.jackson.databind.JsonNode; import com.fasterxml.jackson.databind.ObjectMapper; import org.springframework.beans.factory.annotation.Value;
import org.springframework.stereotype.Service; import org.springframework.web.reactive.function.client.WebClient;

import java.util.List; import java.util.Map;

@Service
public class GeminiServisi {

    @Value("${gemini.api.key}")

    private String apiKey;

    private final WebClient webClient = WebClient.builder()

        .baseUrl("https://generativelanguage.googleapis.com")

        .build();

    private final ObjectMapper nesneyeDönüştür = new ObjectMapper();

    public String metinUret(String istek) {

        String url = "/v1/models/gemini-2.5-flash:generateContent?key=" + apiKey;

        Map<String, Object> body = Map.of(

            "contents", List.of(

                Map.of(

                    "parts", List.of(

                        Map.of("text", istek)

                    )

                )

            )

        );

        try {
```