



eKitap Projesi

Gemini API

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

Google AI Studio

◀ Dashboard

API keys

Projects

Usage and Billing

Logs and Datasets

Changelog ↗

* Let it snow

⇒ Get API key

⚙ Settings

✉ huseyinvural02@gm...

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API Keys

Group by • API key Project Filter by All projects

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

Gemini API

► İsim verip default projeyi seçiyorsunuz

The screenshot shows the Google AI Studio interface. On the left, there's a sidebar with links: Dashboard, API keys (which is selected and highlighted in yellow), Projects, Usage and Billing, Logs and Datasets, and Changelog. The main area is titled "API Keys". It has filters for "Group by" (API key, Project), "Filter by" (All projects), and "Quota tier" (2026). A button "Get API key" is visible at the bottom left. In the center, there's a modal window titled "Create a new key". Inside the modal, there's a "Name your key" input field containing "EkitapGeminiAnahtar" and a "Choose an imported project" dropdown menu showing "Default Gemini Project". At the bottom of the modal are "Cancel" and "Create key" buttons. Below the modal, there's a section with a link "Can't find your API keys here?". At the very bottom, there's a note about importing other projects and a "Let it know" link.

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 Quota tier 2026 Set up billing Free tier

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?

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

Let it know Get API key

Gemini API

► Açılan ekranın ismini verdığımız anahtarı seçip aşağıdaki API key'i alıyoruz

The screenshot shows the Google AI Studio interface with the 'API Keys' section selected. On the left, there's a sidebar with links like Dashboard, API keys (which is highlighted), Projects, Usage and Billing, Logs and Datasets, and Changelog. The main area displays a table of API keys, with one row selected. The selected row shows the following details in a modal window:

API key details	
API Key	AlzaSyD_tQm8Pt1YeP9uYuyCEIT8_kCK5TJhvks
Name	EkitapGeminiAnahtar
Project name	projects/275073585734
Project number	275073585734

At the bottom of the modal, there are three buttons: 'Delete key', 'Copy cURL quickstart', and 'Copy key' (which is highlighted). The background shows other API keys in the list, such as 'Ekitap' and 'Default Gemini API Key'. There are also buttons for 'API quickstart' and 'Create API key' at the top right.

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, there's a navigation bar with 'Google Cloud' and 'Default Gemini Project'. Below it, a search bar contains the text 'Generative Language API'. The main area is titled 'Welcome to the API Library' and describes it as having documentation, links, and a smart search experience. A search result card for 'Generative Language API' is displayed, showing its status as 'Available' and linking to its documentation. On the left, there's a sidebar with filters for 'Visibility' (Public: 505, Private: 2) and 'Category'. The main content area shows cards for various Google Maps-related APIs: 'Maps SDK for Android' (Google), 'Maps SDK for iOS' (Google), 'Maps JavaScript API' (Google), and 'Places API' (Google Enterprise API). A 'View all (33)' link is also present.

Gemini API

- Ekrandaki Gemini API seçeneğini seçiyoruz

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Dismiss Start f

Google Cloud Default Gemini Project

API APIs & Services / API Library / Browse

API API Library

Filter Type to filter 1 result

Visibility Public (1)

Category Machine learning (1)

Generative Language API

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

The screenshot shows the Google Cloud Platform interface. At the top, there's a navigation bar with the Google Cloud logo, a search bar, and various icons. Below the navigation bar, the title "Default Gemini Project" is visible. On the left, there's a sidebar with a back arrow and the text "Product details". The main content area features a large star icon next to the heading "Gemini API" and the "Google" logo. A sub-headline reads: "Build with latest models from Google Deepmind using the Gemini API for Developers". Below this, there are two buttons: "Manage" (in blue) and "API Enabled" (with a green checkmark). At the bottom of the main content area, there are four tabs: "Overview" (underlined), "Pricing", "Documentation", and "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("/geminii")  
▶ 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 kitapHakkındaSoru(@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 nesneyeDönüşür = 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 {  
►  
►             String response = webClient.get()  
►  
►                 .uri(url)  
►  
►                 .header("Content-Type", "application/json")  
►  
►                 .body(BodyInserters.fromObject(body))  
►  
►                 .retrieve()  
►  
►                 .bodyToMono(JsonNode.class)  
►  
►                 .block();  
►  
►             String result = nesneyeDönüşür.writeValueAsString(response);  
►  
►             return result;  
►  
►         } catch (Exception e) {  
►  
►             e.printStackTrace();  
►  
►             return null;  
►  
►         }  
►  
►     }  
►  
► };
```