Here are the **steps to create a Telegram bot & Google’s Gemini API Key**:

### **Steps to Create a Telegram Bot and Create a Google Gemini API Key**

#### **1. Create a Bot on Telegram**

1. Open Telegram and search for **BotFather**.
2. Start a chat and type /newbot.
3. Follow the instructions and:
   * **Choose a bot name** (e.g., FinanceBot).
   * **Set a unique username** (must end with "bot", e.g., finance\_assist\_bot).
4. After successful creation, BotFather will give you a **Bot Token** (keep this safe!).

**2. Create Google Gemini API Key: Access Google AI Studio**

* Navigate to [Google AI Studio](https://aistudio.google.com/) and sign in with your Google account.

**2. Generate an API Key**

* Once logged in, locate and click on the **"Get API Key"** button.
* Review and accept the terms of service if prompted.
* Choose to create the API key for a new or existing project.
* After creation, securely store the generated API key, as you'll need it for authentication in your applications.

**3. Understand Pricing and Rate Limits**

* Familiarize yourself with the pricing plans and rate limits associated with the API to manage costs effectively.

**4. Integrate the API Key into Your Application**

* Use the API key to authenticate requests from your application to Google AI services.
* Ensure that the API key is kept secure and not exposed in client-side code or public repositories.

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