

Getting Started with Groq

Hi there, Hacker! We're excited that you're interested in powering your application with Groq (and hope you crush the competition)! 🍌

We're offering free access to Groq API with increased rate limits throughout the hackathon for your apps to take advantage of our **fast AI inference**. 🤖

To get started:

1. Visit <https://console.groq.com> to create a free account.
2. Generate an API key at <https://console.groq.com/keys>.
 - a. Fill out this [form](#) or stop by the Groq table with your organization ID that can be found at <https://console.groq.com/settings> and we'll happily bump your rate limits for the duration of the hackathon!
3. For questions, feel free to ask a Groqster in-person at the hackathon or post any questions in the hackathon's communication platform.
4. Join our [developer community on Discord](#) to access FAQs, view help archives, and to stay up-to-date with all things Groq! 🚀

If you're new to Groq, the following are some resources to help you:

- [Groq Developer Playground](#): Great for exploring available models, experiencing Groq's inference speed, and familiarizing yourself with Groq API features and capabilities.
- [Groq Docs](#): Groq API documentation with comprehensive examples and explanations.
 - You can also [chat with our Groq Docs](#)! It is great at answering any questions regarding Groq API, including technical questions (e.g. debugging code snippets, explaining capabilities, etc.).
- [Groq Python SDK](#): The official Groq Python SDK for Groq API. We'd appreciate a ★ on our repo if you enjoy using it!
- [Groq TypeScript SDK](#): The official Groq TypeScript SDK for Groq API. We'd appreciate a ★ on our repo if you enjoy using it!
- [Groq API Cookbook](#): Examples, guides, and tutorials for using Groq API. We'd appreciate a ★ on our repo if you find the resources in it helpful **and** we are **always** looking for contributions! Please see our [contribution guidelines](#) and feel free to create a PR with a tutorial or guide for your hack or other topics!
- [Application Examples](#): Applications created by other developers like you using Groq API if you're looking for real-world use cases that take advantage of Groq's record-breaking inference speed!

Common questions:

1. Can I fine-tune on Groq?

Unfortunately, Groq API currently does not support fine-tuning.

2. Can I keep my increased rate limits?

The rate limit increases are only in effect for the duration of the hackathon. However, if you have a use case where you feel that it's important to keep your rate limits for an extended period of time (e.g. to record a professional demo), please reach out to one of us in-person during the event!

- Under "Understanding the LLM Jargon" appended to the end of the 6th paragraph: "Check out Groq's [blog post and video explaining RAG](#) as well as their [RAG implementation example](#) to learn more."
- Under "No code options": Groq's [Developer Playground](#)
- Under "Convenient options available via API: [Groq API](#) (simply create an account, [create an API key](#), and get started with docs and [tutorials](#))
 - **Important: Hackathon participants will get increased rate limits for Groq API!**
- Under "Back-end": The Groq [Python](#) and [TypeScript](#) SDK packages, both of which can be used in companion with LangChain and the [LangChain Groq integration](#)