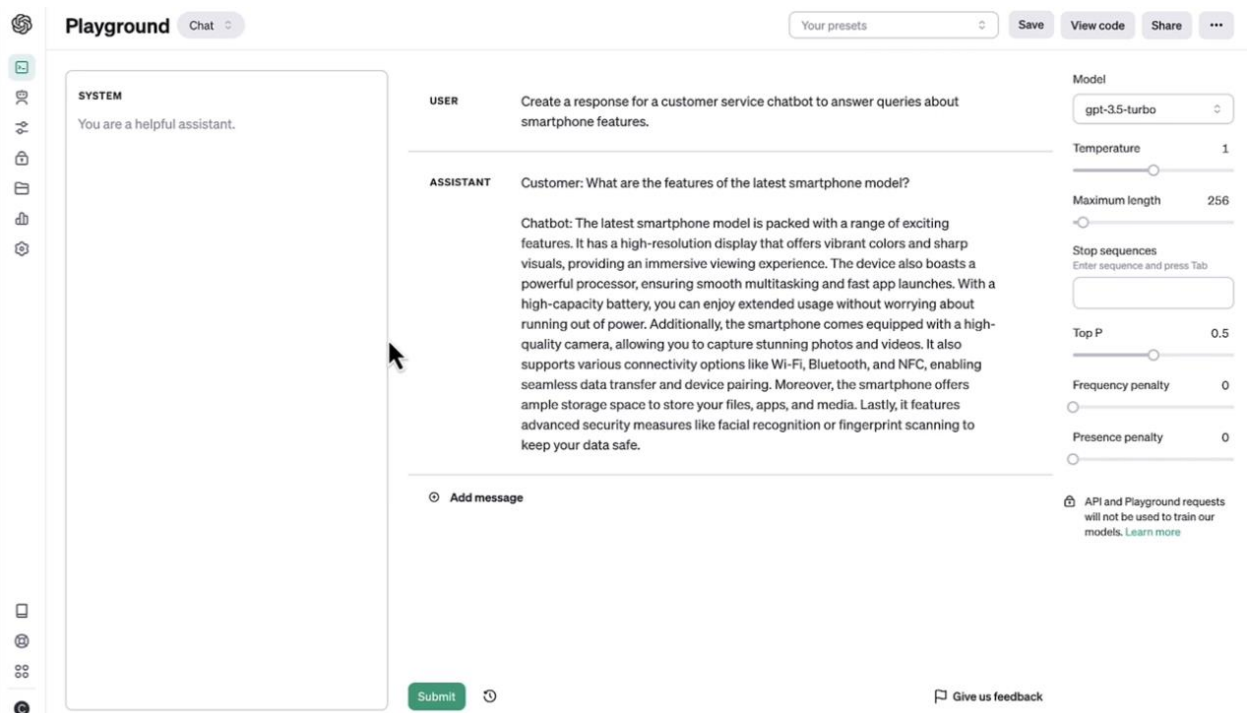


## Penalty Hyperparameters

3 min

### Key Concepts

- **Penalty Hyperparameters:** In AI language models, these hyperparameters help control the output by penalizing the repetition of certain words or phrases to ensure content diversity and relevance.
- **Frequency Penalty:** Proportional to how often a token appears in the output, discouraging the repetition of words.
  - **Low Frequency Penalty (0):** No penalty for repeating tokens, potentially leading to monotonous content.
  - **High Frequency Penalty (1 or 2):** Strongly penalizes repetition, encouraging varied language use.
- **Presence Penalty:** Focuses on whether a token has appeared at all, making it less likely for that word to be used again.
  - **Low Presence Penalty (0):** Allows for focused content with possible repetition of the same concepts.
  - **High Presence Penalty (>1):** Encourages the introduction of new topics or ideas, generating more diverse content.



PlaygroundChat

smartphone1/9

SaveView codeShare

SYSTEM

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USER

about running out of power. Additionally, the **smartphone** comes equipped with a high-quality camera, allowing you to capture stunning photos and videos. It also supports various connectivity options like Wi-Fi, Bluetooth, and NFC, enabling seamless data transfer and device pairing. Moreover, the **smartphone** offers ample storage space to store your files, apps, and media. Lastly, it features advanced security measures like facial recognition or fingerprint scanning to keep your data safe.

Create a response for a customer service chatbot to answer queries about **smartphone** features.

ASSISTANT

Customer: What are the camera features of the latest **smartphone** model?

Chatbot: The latest **smartphone** model comes with an impressive camera setup. It features a high-resolution primary camera that captures stunning photos with exceptional clarity and detail. The device also includes advanced image stabilization technology, ensuring shake-free shots even in low-light conditions. Additionally, it offers various shooting modes such as portrait mode for beautiful bokeh effects, night mode for capturing clear images in low-light environments, and panorama mode for wide-angle shots. The **smartphone**'s camera also supports 4K video recording, allowing you to capture high-quality videos with incredible detail. Furthermore, it offers a range of editing tools and filters to enhance your photos directly on the device itself. With these powerful camera features, you can unleash your creativity and capture memorable moments effortlessly.

Add message

Submit

Give us feedback

Model

gpt-3.5-turbo

Temperature1

Maximum length256

Stop sequences

Enter sequence and press Tab

Top P0.5

Frequency penalty1.01

Presence penalty0

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## Presence Penalty

Playground

1/9

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List exciting travel destinations for adventure enthusiasts.

ASSISTANT

- Patagonia, Argentina and Chile: Known for its stunning landscapes, Patagonia offers opportunities for hiking, trekking, mountaineering, and wildlife spotting.
- Queenstown, New Zealand: Often referred to as the adventure capital of the world, Queenstown offers bungee jumping, skydiving, jet boating, white-water rafting, and skiing.
- Costa Rica: With its lush rainforests, Costa Rica is perfect for adventure seekers. Activities include zip-lining, surfing, volcano hiking, and wildlife tours.
- Iceland: Known for its breathtaking landscapes, Iceland offers activities like glacier hiking, ice cave exploration, snorkeling in Silfra fissure, and exploring volcanic landscapes.
- Swiss Alps, Switzerland: The Swiss Alps provide opportunities for skiing, snowboarding, mountaineering, paragliding, and hiking in stunning alpine scenery.
- Bora Bora, French Polynesia: This tropical paradise offers thrilling activities like shark diving, jet skiing, parasailing, and snorkeling in crystal-clear waters.
- Moab, Utah, USA: Moab is a haven for adventure enthusiasts, with activities like rock climbing, mountain biking, white-water rafting, and off-roading in the

Add message

Submit

Give us feedback

Model

gpt-3.5-turbo

Temperature1

Maximum length256

Stop sequences

Enter sequence and press Tab

Top P0.5

Frequency penalty0

Presence penalty1.14

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Playground

Model playground

API

Test cases

API

SYSTEM

You are a helpful assistant.

USER

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ASSISTANT

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Enter sequence and press Tab

Top P0.5

Frequency penalty0

Presence penalty1

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