

## Hyperparameter Interface

3 min

### Key Concepts

- **Hyperparameter Side Pane:** A panel containing settings influencing the model's output.
- **Temperature:** Controls the randomness and creativity of the model's output.
- **Max Length:** Determines the maximum length of the model's output in tokens.
- **Stop Sequences:** Specific [text](#) strings that signal the model to cease generating output.
- **Top P (Nucleus Sampling):** Filters tokens based on a set probability threshold to control text diversity.
- **Frequency Penalty:** Adjusts the likelihood of using common or rare words in the output.
- **Presence Penalty:** Influences the model to use or avoid repeating tokens already present in the output.

