temperature

The model's creativity and predictability are governed by the temperature parameter.

The model gets more concentrated and reliable when the value is low (e.g., 0.1); it consistently provides nearly the same result.

The model becomes more creative and produces more varied responses as the temperature is greater (between 0.8 and 1.0), which is ideal for brainstorming or creative writing.

Top_p

The number of potential words the model takes into account before selecting its next one is determined by the top_p parameter.
For instance, if top_p = 0.9, the model will only select the 90% of terms that are most likely, excluding the uncommon or improbable ones.
Higher values allow the model to be more expressive and dynamic, while lower values make the responses more focused and factual.