

Evaluating impact of Max Token Limit on Q

Fixed Parameters

"System message" appended to "You're a movie recommendation assistant."

Other parameters are not changed (default): temperature: 1; top_p: 1; n: 1; stream: false; stop: n

Experiment Settings

Data collected from 5 independent conversations.

A missing period does not qualify as cut off, as long as the sentence is understandable from a user

System Message	Token Limit	# Responses Total
[No extra message]	30	29
Keep your answers short and precise.	30	31
Keep your answers very short and precise.	30	37
Answer in one to two sentences.	30	37
Keep your answers short and precise.	35	37
Keep your answers very short and precise.	35	37
Answer in one to two sentences.	35	37
Keep your answers short and precise.	40	37
Keep your answers very short and precise.	40	37
Answer in one to two sentences.	40	37
Keep your answers short and precise.	45	37
Keep your answers very short and precise.	45	37
Answer in one to two sentences.	45	37
Keep your answers short and precise.	50	35
Keep your answers very short and precise.	50	35
Answer in one to two sentences.	50	37
Keep your answers short and precise.	60	34
Keep your answers very short and precise.	60	37
Answer in one to two sentences.	60	37
Keep your answers short and precise.	70	37
Keep your answers very short and precise.	70	37
Answer in one to two sentences.	70	35
Keep your answers short and precise.	75	37
Keep your answers very short and precise.	75	37
Answer in one to two sentences.	75	34
Answer in one sentence.	50	37
Answer in one sentence.	60	37
Answer in one sentence.	70	37

P.S. Parameters in row [29] are selected for response generation

Quality of ChatGPT Responses

all; presence_penalty: 0; frequency_penalty: 0; logit_bias: null;

perspective

# Responses Cut Off	in %	Avg. Response Length in Words
19	65.52%	16.000
15	48.39%	16.129
16	43.24%	13.108
20	54.05%	17.162
16	43.24%	17.595
17	45.95%	19.216
16	43.24%	20.189
12	32.43%	17.378
10	27.03%	18.405
14	37.84%	22.838
14	37.84%	22.595
9	24.32%	19.027
12	32.43%	23.405
13	37.14%	23.286
4	11.43%	21.057
7	18.92%	25.514
8	23.53%	26.176
5	13.51%	20.378
4	10.81%	25.541
6	16.22%	20.730
1	2.70%	20.405
2	5.71%	31.114
5	13.51%	23.432
1	2.70%	19.297
4	11.76%	37.382
3	8.11%	23.08
2	5.41%	24.97
1	2.70%	27.00