

# The promising use-case of ChatGPT: Analysing group deliberations and debates

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## Introduction

For all kinds of reasons people sit together and debate issues. For some of these debates the participants might want **summaries**, might want to know **who** made what contribution, what some or all participants **agreed or disagreed** upon, what specific participants might **remember** from that meeting, even questions about **when** something happened in the debate. We see this as useful for journalists wanting to report about a meeting, for moderators that are asked to evaluate the debate or that need to prepare a sequel meeting, or participants that want to reflect on the meeting and prepare for a sequel. This is also useful for anyone working with interviews and researchers analysing transcripts of group debates.

We use ChatGPT on the transcript of a moderated debate on how Covid-19 affected the participants, which is data coming from the MEMO corpus ([Tsfasman et al. 2021](#)).

## Evaluation

Pros:	Cons:
<p>It's able to understand how our questions link to the same transcript.</p> <p>The summarisation works well and "Who said what" questions were answered correctly.</p> <p>Cases of agreement between participants are identified well, some inferences on memory and perspectives are reasonable.</p>	<p>Sometimes it gives random answers (see red below).</p> <p>After the initial conversation as shown here, we tried to replicate the results with a longer transcript, for that one sometimes ChatGPT said it didn't have access to "<i>the first message's transcript</i>".</p>

### Overall judgement:

This way of applying a LLM such as ChatGPT shows promise as a Hybrid Intelligence application. The last question (see red parts) in the conversation shows that a human needs to check the answers and might need to reformulate to clarify the questions posed to the LLM. Further research is needed to see how reliable are LLMs in processing longer transcripts.

## The ChatGPT conversation

<p><b>SUMMARY</b></p> <p><b>Here is a transcript:</b> &lt;see the right column&gt; &lt;and without further prompting:&gt;</p> <p><b>Auto summary:</b> P1 is speaking about her experience living in [another country] during the COVID-19 pandemic and lockdown in the UK. She was able to live a normal life in [another</p>	<p>00:47:03.180 --&gt; 00:47:14.580 3.P1: Do normal things that i'm i've been very lucky in that you know when everyone in the UK was in lockdown I was living a normal life in [another country] it's up.</p>
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country] but has recently returned home due to the lockdown. She missed being able to see her family who she hadn't seen for over 2 years. P2 talks about the difficulties of not being able to see her close family and the disheartening feeling of only being able to see them through a window. The Moderator asks if they ever expected to experience this in their lives.

### WHO SAID WHAT

#### Can you extract all comments made by P1 and make a summary?

P1 comments:

She was living a normal life in [another country] during the lockdown in the UK and was able to travel internationally.

- She recently returned home because of the lockdown in [another country].
- She missed being able to see her family for over 2 years.
- It is nice to be out and about again.

Summary: P1 lived a normal life in [another country] during the COVID-19 lockdown in the UK and was able to travel. However, she recently returned home due to the lockdown in [another country] and missed being able to see her family. She is now enjoying being able to be out and about again.

#### Can you make a shorter summary?

P1 lived in [another country] during the COVID-19 lockdown in the UK and was able to travel. She returned home due to the lockdown in [another country] and missed seeing her family for over 2 years, but is now enjoying being out and about.

#### Who made the most contributions in the original transcript?

P1 made the most contributions in the original transcript.

#### Why?

P1 made the most contributions in the original transcript because she was speaking the most out of all the participants in the conversation.

#### Who made a statement about their family?

P1 made a statement about her family in the transcript. She mentioned that it was difficult not being able to see her close family during the COVID-19 pandemic and that it was disheartening only being able to see them through a window.

### AGREEMENT

#### Did P2 and P1 agree?

00:47:14.580 --> 00:47:30.750

3.P1: There and travel internationally can leave the country, but so I kind of been very fortunate to out all of it it's just been in the last few months, which is partly why i've come home actually just because of the lock down there and then everyone's that's a normal here there enough.

00:47:30.960 --> 00:47:36.270

Moderator: And so you just you're just you're just jumping you're just going where the recession era.

00:47:36.480 --> 00:47:42.180

3.P1: yeah cuz I haven't seen people for over two years now it's like every day.

00:47:43.350 --> 00:47:45.810

3.P1: Going on it's very nice to be out and about again.

00:47:47.520 --> 00:47:54.360

Moderator: what's so difficult about not being able to meet your family or see your family so difficult about that.

00:47:57.720 --> 00:47:58.380

3.P1: Just just.

00:48:00.270 --> 00:48:00.780

2. P2: yeah.

00:48:01.320 --> 00:48:01.920

Moderator: I love those.

00:48:02.220 --> 00:48:02.670

2. P2: Sorry.

00:48:03.120 --> 00:48:07.470

2. P2: I think if you're a close family dying from seeing them

Yes, P2 and P1 agreed that it was difficult not being able to see their close family and only being able to see them through a window. They also agreed that it was disheartening.

#### **What about the Moderator?**

The Moderator was leading the conversation and asking questions to the participants. He asked P1 about her experience living in [another country] during the UK lockdown and what was difficult about not being able to see her family. He also asked if they ever expected to experience this in their life. The Moderator's role in the conversation was to ask questions and facilitate the discussion.

#### **When in the transcript did P2 and P1 disagree?**

There is no evidence in the transcript that P2 and P1 disagreed with each other. They both agreed that it was difficult not being able to see their close family during the COVID-19 pandemic and that it was disheartening only being able to see them through a window.

### **MEMORY AND PERSPECTIVES**

#### **What do you think P1 remembered the most from this conversation?**

As an AI language model, I do not have personal opinions, but I would speculate that P1 might remember the conversation with the Moderator and P2, particularly the discussion about not being able to see her close family during the COVID-19 pandemic. This is based on her statements in the transcript that it was difficult and disheartening not being able to see them in person.

#### **At what time point did P1 say that?**

P1 mentioned that it was difficult not being able to see her close family in the following lines:

"Just just... yeah... I think if you're a close family dying from seeing them every weekend or during the week. To nothing or saying hi through a window was very disheartening can you just give him a cuddle." (lines 437-439)

This conversation occurred at time 00:48:07.620.

*[INCORRECT]*

#### **Which words made you think so?**

I am an AI language model and do not have personal opinions, but as per the transcript, it can be inferred that P1 felt positively about the conversation based on the words "It was great speaking with you" and "I really appreciate your time". These words suggest that P1 was satisfied with the conversation and felt positively towards it, but without further context, it is difficult to determine the most important moment from P1's perspective.

every weekend or during the week.

00:48:07.620 --> 00:48:15.150

2. P2: To nothing or saying hi through a window was very disheartening can you just give him a cuddle.

00:48:17.220 --> 00:48:23.670

2. P2: For fear that you're going to give her something that she might give you something and yeah difficult.

00:48:24.540 --> 00:48:28.830

Moderator: which could you have ever expected that you have because, like I don't know.

00:48:32.580 --> 00:48:37.380

Moderator: Would you imagine that you would have experienced this in your life.

