



Universidad La Gran Colombia

Research Project

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Problem Question:

How do university students of La Gran Colombia perceive the use of AI (chatGPT) in the development of their reading comprehension skills?

Survey Applied:

https://docs.google.com/forms/d/e/1FAIpQLSdlhX1mRKQ2YGVyTv1oyJev1GpMgZcFr9zyIMc_bnl0qcy4WA/viewform?usp=pp_url

NEED ANALYSIS

This analysis aims to collect the perceptions and opinions of Advanced English Students about the use of ChatGPT. A survey and an interview were conducted by the researchers and applied to specific participants (Advanced English Students of Modern Languages at La Gran Colombia University), the results were collected from 22 participants in which, five people were selected to participate in the interview in order to collect more detailed information about the perception of using ChatGPT in a teaching-learning environment in which they develop reading comprehension strategies.

The survey is divided into 12 questions related to ChatGPT and reading comprehension strategies. The design and use of the survey is essential in order to get the first step in understanding students' perception about using ChatGPT. Also, according to the results obtained in the survey, an interview was carried out with 5 different students (Review the Annex) in which variations in the responses were observed.

Researcher

The first question is can ChatGPT provide practice questions or quizzes for self assessment focused on reading?

Student 1

I consider that ChatGPT can provide us a good strategies to improve maybe the comprehension reading.

Researcher

The second one is how can ChatGPT help with language learning in your process of reading comprehension?



Student 1

Maybe through tips or something like that can help us.

Researcher

Is ChatGPT capable of providing real time tutoring or academic support with reading comprehension?

Student 1

Yeah, I consider that it's maybe a good way to evaluate our comprehension reading and what kind of mistakes we can make.

Researcher

What are some ways educators can integrate ChatGPT into the classroom in the support of developing reading comprehension?

Student 1

I think that maybe the teachers can find support through ChatGPT to evaluate their students.

Interview 2

Researcher

Can chatGPT provide practice questions or quizzes for self-assessment focuses on reading?

Student 2

Yes, I consider that if you ask to chat GPT for maybe provide questions, chat GPT can offer some instructions related with maybe improve your reading skills.

Researcher

The second one is how can chat GPT help with language learning in your process of reading comprehension?

Student 2

As I mentioned before in the previous maybe question, you can maybe provide some feedback to chat GPT related with your skills in reading, listening or what else.

Researcher

The third one is, is chat GPT capable for a real-time tutoring or academic support with reading comprehension?

Student 2

I consider that if you want maybe a tutoring, chat GPT can offer a tutoring to improve your reading skills. But if you want maybe academic support to improve your IELTS exam or tutoring, chat GPT can maybe provide some text to analyze them.

Researcher

What are some ways educators can integrate chat DPT into the classroom in the support of developing with incomprehension?

Student 2

I consider that it's difficult to integrate in a good way chat DPT in the classroom, yet some students use a lot of chat DPT in daily life, yeah.

Researcher

How can ChatGPT help students with research projects applying the IA as a tool for your reading comprehension?

Student 2

I think that is a difficult question. I feel that chat GPT has some good ways to add in your projects or in your homework, but I consider that the project is easy not to chat GPT.



Interview 3

Researcher

Can ChatGPT provide practice questions or quizzes for self-assessment focused on reading?

Student 3

Yes, of course. I mean, you can ask ChatGPT if he can act as a university professor nerd to give you some assignments or even have a little test. And, for instance, like helping you in your reading comprehension and even more critical thinking.

Researcher

How can ChatGPT help with language learning in your process of reading comprehension?

Student 3

In terms of actual language understanding, if, for example, you worked like practicing for a new language, you can ask ChatGPT first to make a test for any kind of manuscript, and then translate it to your native language, for instance, having both the original language and your native language.

Researcher

Is ChatGPT capable of providing real-time tutoring or academic support with reading comprehension ?

Student 3

Yes, as a matter of fact, ChatGPT, or almost every AI, is pretty fast in terms of, like, giving answers right off the back. So, I would say that it's a pretty nice tool to have as tutoring.

Researcher

Can ChatGPT assist with each reading assignment that could be assigned ?

Student 3

In my personal opinion and in my own experience, I have witnessed that, yes, as a matter of fact, ChatGPT helps in almost every reading comprehension that you give him. And if you ask him for details.

Researcher

What are some ways educators can integrate ChatGPT into the classroom in the support of developing reading comprehension?

Student 3

Artificial intelligence can be used in almost every way. It should be used as a tool and not like the answer-solving mechanism so by professors using it in the classroom to give the students some reading and then if they don't understand like asking chat DPT for a detailed explanation that could be a good way.

Researcher

How can ChatGPT help students with research projects applying the IA as a tool for your reading comprehension?

Student 3

actually using this tool because most of the students are going to just ask chat DPT for the full like answers if there's an activity and not actually having a reading comprehension



Researcher

Could ChatGPT improve your reading skills, at the moment that you use this tool for getting information?

Student 3

Yes, it can actually boost up your reading comprehension. If you ask him to give you a C1 level of reading text, he will give you one. I have asked ChatGPT twice to give me a taste in C1 level, and the vocabulary that it uses is pretty advanced, so I would say that it had to boost my reading comprehension a little bit.

Interview 4

Researcher

Can ChatGPT provide practice questions or quizzes for self-assessment focused on reading?

Student 4

Yes, it can do it. I think that everything that you need you can just ask to ChatGPT, but the only thing that you need is to be specific with the thing that you need to ChatGPT just answer.

Researcher

How can ChatGPT help with language learning in your process of reading comprehension?

Student 4

Okay, for example, in my English level, in my English course, we have been doing that, we write like an essay or something like that, and then we ask ChatGPT to correct that essay or to highlight the mistakes to correct them.

Researcher

Is ChatGPT capable of providing real-time tutoring or academic support with reading comprehension ?

Student 4

Maybe, as I said before, the first question, I think that ChatGPT can do everything.

Researcher

Can ChatGPT assist with each reading assignment that could be assigned ?

Student 4

Yes, I think that, or, unfortunately, in my case, I have a question asking to ChatGPT to every reading that I have in my course, that may be to another category or something like that. something like that to have a better idea to understand the learning.

Researcher

What are some ways educators can integrate ChatGPT into the classroom in the support of developing reading comprehension?

Student 4

Okay, I think that it's so important to involve chatGPT to an academic environment because I think that chatGPT has been a good tool for us, the students, but I think that it has been maybe a tool that it's turning into a cheat tool, so to do cheating, maybe if professors include that tool into the classroom, we could learn how to use that tool in a good way

Researcher

How can ChatGPT help students with research projects applying the IA as a tool for your reading comprehension?

Student 4



Maybe the example that I said before, we can do the task or the homework as our own. And then we can ask ChatGPT if it can correct it to know our mistakes and how to improve and something like that.

Researcher

Could ChatGPT improve your reading skills, at the moment that you use this tool for getting information?

Student 4

I think the most important things its you know what are you doing wrong and how could you improve in a way of reading skills

Interview 5

Researcher

Can ChatGPT provide practice questions or quizzes for self-assessment focused on reading?

Student 5

I think that it helps me a lot with another classes or skills such as reading, writing, listening and reading.

Researcher

How can ChatGPT help with language learning in your process of reading comprehension?

Student 5

Well, I can search for resumes or for news in ChatGPT, So that's it.

Researcher

Is ChatGPT capable of providing real-time tutoring or academic support with reading comprehension ?

Student 5

Well, I think that That, of course, ChatGPT can provide a... How did you say? Okay. Yes. I think that it's normal to search for what an IA brings to us.

Researcher

Can ChatGPT assist with each reading assignment that could be assigned ?

Student 5

Of course, we have to take care of the words or that the AI not provides false information.

Researcher

What are some ways educators can integrate ChatGPT into the classroom in the support of developing reading comprehension?

Student 5

I think that it's not possible to inform me in things in the education field about ChatGPT.

Researcher

How can ChatGPT help students with research projects applying the IA as a tool for your reading comprehension?

Student 5

About the reading comprehension, it's easy to search in the IA, like information or something like that. But we have to take care of the information that is not worse for trouble.

Researcher

Could ChatGPT improve your reading skills, at the moment that you use this tool for getting information?

Student 5

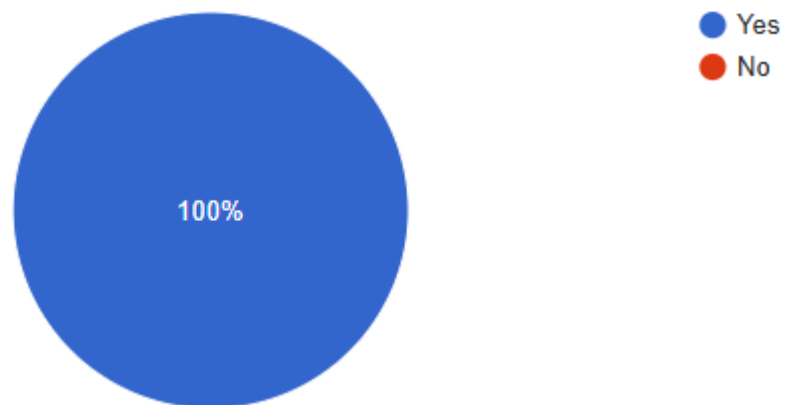


Of course, there is some moment on the about the AI provides me good information, but I need to search in other AI or in the internet.

NEED ANALYSIS

1. Have you used ChatGPT before?

22 respuestas

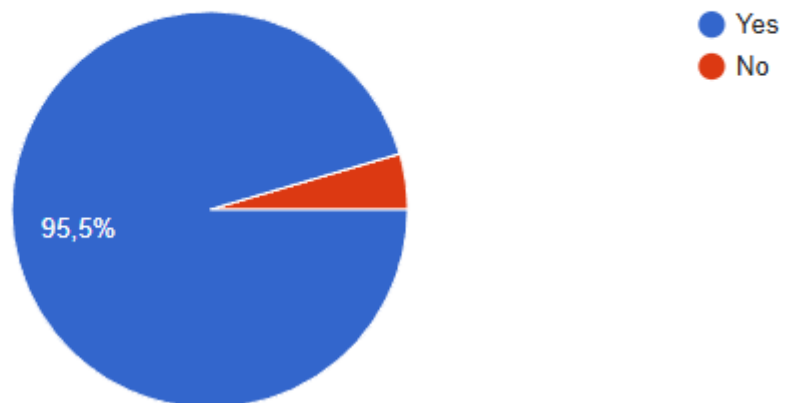


According to the first question in which the researchers aimed to ask the participants if they have used ChatGPT before, it was evinced that all the target population use ChatGPT.

Demonstrating that the participants are aware of this AI and the options it offers.

2. Do you know what ChatGPT is used for?

22 respuestas

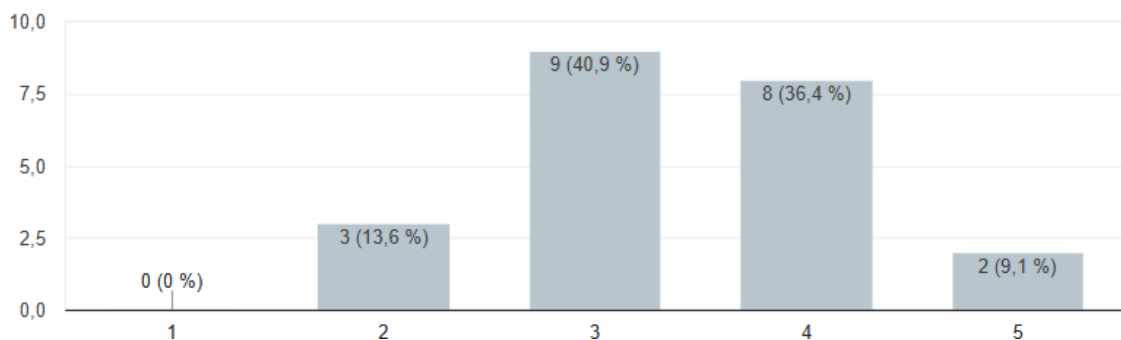


Continuing with the second question “Do you know what ChatGPT is used for?”. 95,5% of the participants (21) have knowledge about what they can do with ChatGPT (or its main function). However, the 4,5% of the participants (1) answered that they don’t understand the main purpose of ChatGPT, demonstrating that most of the participants are aware of the functions of ChatGPT and how to use it adequately.

3. How often do you use ChatGPT?

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22 respuestas

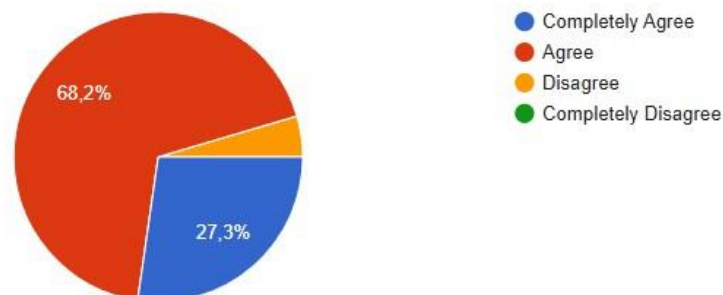


In the third question, “How often do you use ChatGPT?”, by using a Likert Scale, from 1 to 5 (in which 1 means ‘rarely’ and 5 means ‘always’), it shows that 13,6% of participants (3 students) do not use ChatGPT frequently. 40,9% of participants (9 students) often use this AI. 36,4% of participants (8 students) usually use it in different ways. Finally, 9,1 of the participants answered that they always use ChatGPT. Demonstrating that most of the population use ChatGPT frequently.

4. Are you aware of the possible benefits of ChatGpt in your reading comprehension development?

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22 respuestas

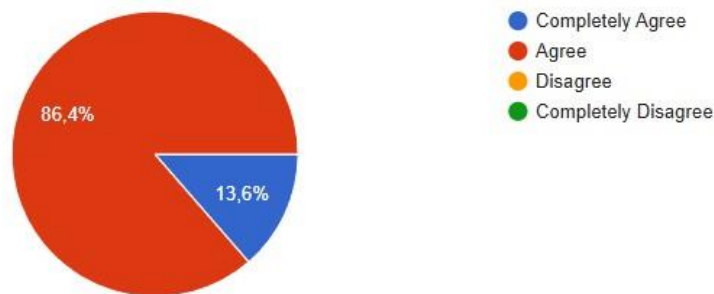


In the following question, about the possible benefits of using ChatGPT in their reading comprehension strategies, 68,2% of the participants agreed that using ChatGPT can be beneficial to develop reading comprehension skills. 27,3% of the students completely agree with the multiple benefits of incorporating this AI to develop skills in reading comprehension. However, 4,5% of the students (1 student) disagreed that using ChatGPT can be beneficial.

4. ChatGPT assist students in reading comprehension.

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22 respuestas

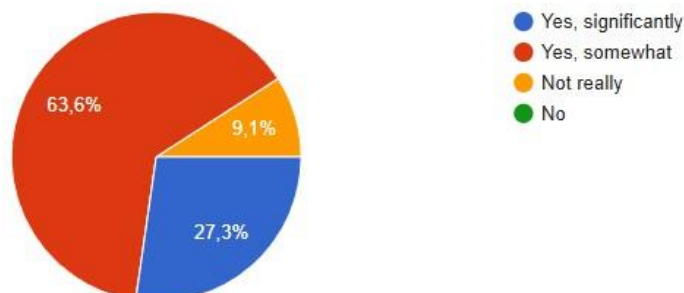


The following question about considering ChatGPT as an assistant for students in reading comprehension, 86,4% of the students who participated in the survey, agreed that ChatGPT can be an assistant in the process of developing reading comprehension skills. On the contrary, 13,6% of the participants completely agreed that it can be beneficial to have ChatGPT as a guidance for this learning process. It was evident that the participants of this study consider ChatGPT as a practical tool to develop skills in reading comprehension.

5. Do you think using ChatGPT for reading comprehension could improve your understanding of texts?

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22 respuestas

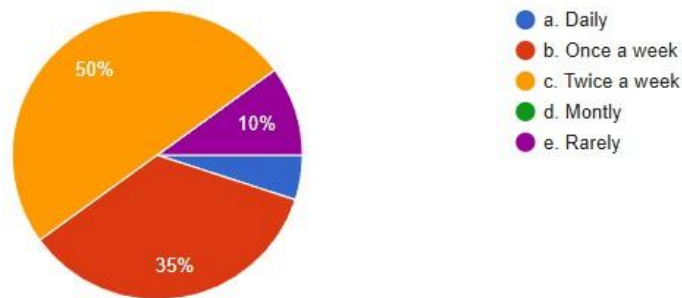


In the fifth question regarding if the participants consider that using ChaGPT could improve their understanding of texts. 27,3% of the participants answered that there can be a significant improvement of understanding reading texts. However, most of the participants 63,6% consider that it not can be significant but it can be important to use the AI. On the contrary, it was demonstrated that 9,1% of the participants don't consider ChatGPT as a help to improve their understanding of texts. In this section, it can be concluded that the majority of participants consider beneficial using this AI to understand the text that can be created by ChatGPT.

6. How often do you use ChatGPT for reading comprehension tasks?

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20 respuestas

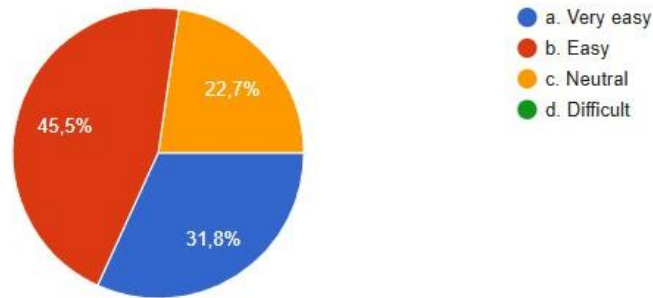


Half of the participants (50%) use ChatGPT for reading comprehension tasks twice a week, showing a moderate but regular level of engagement. Another 35% use it once a week, indicating that most people find value in using the tool weekly. Only 5% use it daily, suggesting that intensive daily use is uncommon, while 10% use it rarely, meaning they engage with the tool infrequently.

7. How easy is it to use ChatGPT for your reading comprehension needs?

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22 respuestas

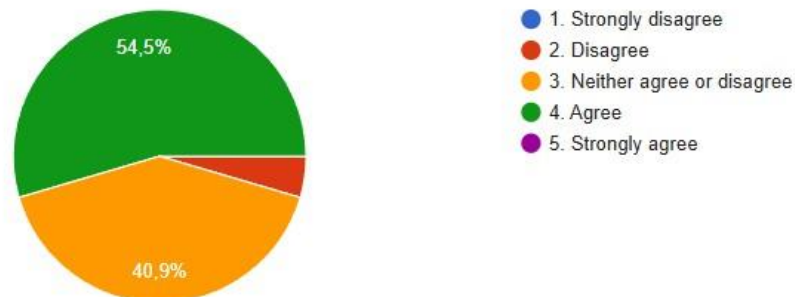


The results indicate that ChatGPT is generally well-received for reading comprehension needs, with most users finding it easy to use. However, there is margin to the experience for the 22.7% who feel neutral, and most of the respondents, 45.5%, found this tool very useful and practical, as easy to use when using it to improve their reading comprehension.

8. I discuss or review what I've read in ChatGpt with others to improve my reading comprehension.

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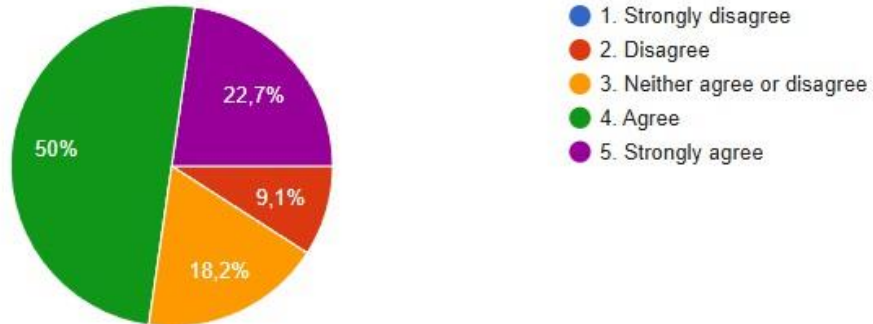
22 respuestas



Most participants (54.5%) agree that they discuss or review what they have read in ChatGPT with others to improve their reading comprehension, However, a large group (40.9%) feels neutral, meaning they may not find discussion important or may lack the chance to engage in it. A small percentage (4.6%) disagree, indicating that discussing content doesn't help them.

9. I find it easy to summarize the main ideas of what I've read, using the ChatGPT like a tool, and reading each part that the tool gives you.

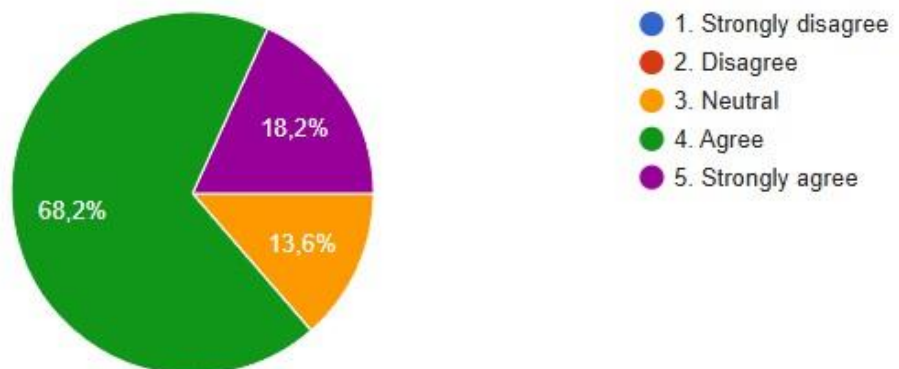
22 respuestas



The results show most participants (72.7%) either agree or strongly agree that they find it easy to summarize main ideas with the help of ChatGPT, However, (18.2%) feel neutral, which may indicate that some users have difficulties or need additional support to summarize effectively. A smaller percentage (9.1%) disagrees, implying difficulties in using ChatGPT for summarization.

10. ChatGPT helped me better understand the main ideas of a text.

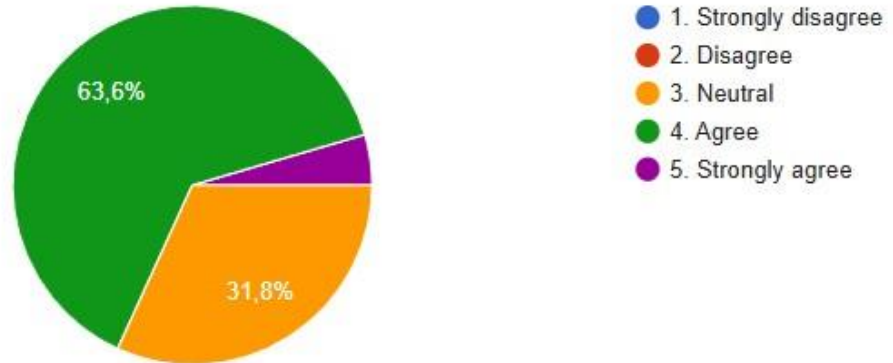
22 respuestas



Most participants agree that ChatGPT has helped them better understand the main ideas of a text, with 68.2% agreeing and 18.2% strongly agreeing. Meanwhile, 13.6% of participants feel neutral, indicating that they do not strongly use the tool for understanding main ideas.

11. Using ChatGPT improved my ability to analyze and interpret a specific text

22 respuestas



The results show how the participants (63.6%) agree that using ChatGPT has improved their ability to analyze and interpret a specific text, indicating that the tool is helpful for these tasks. A smaller group (4.6%) strongly agrees, showing that a few users find it especially effective. However, (31.8%) of participants feel neutral, the tool has not had a strong impact on their analytical skills.