

# **Inteligência Artificial**

**O que é...**

**O que não é...**

**O que deve ser...**

**João Mouro – Nova SBE**

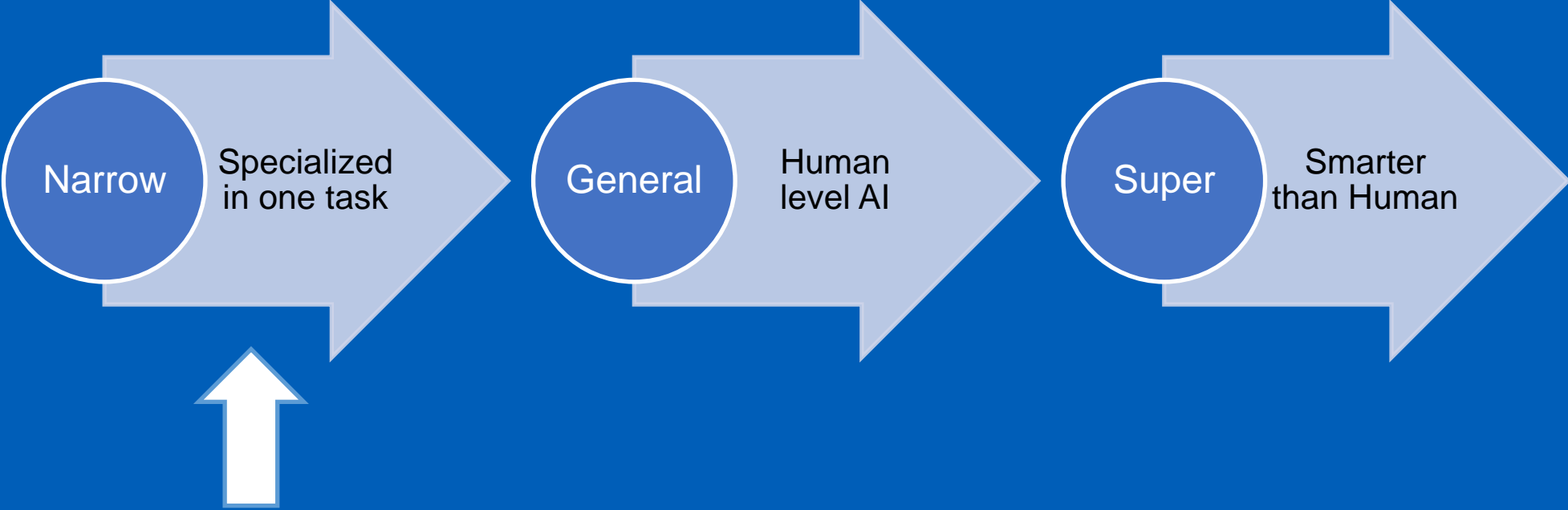
*What is Artificial Intelligence?*



Artificial intelligence is the  
science of making machines  
do things that would require  
intelligence if done by  
humans.

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JOHN MCCARTHY

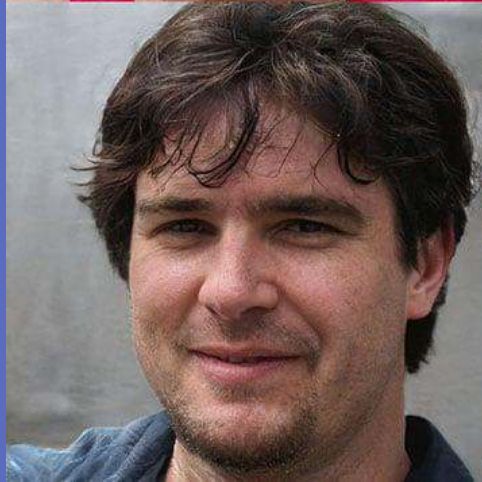
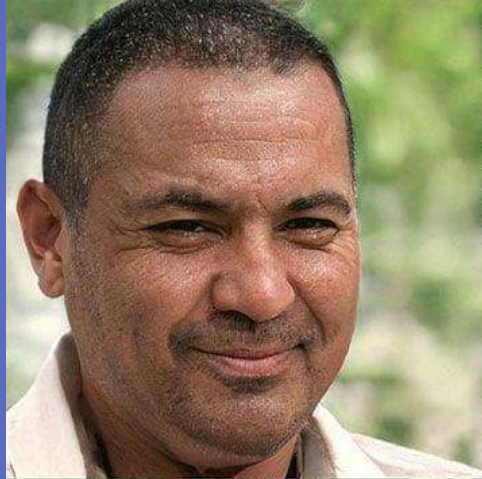






143 Emerging  
Jason Allen  
Pueblo West  
Théâtre D'opéra Spatial  
\$750  
Colorado State Fair



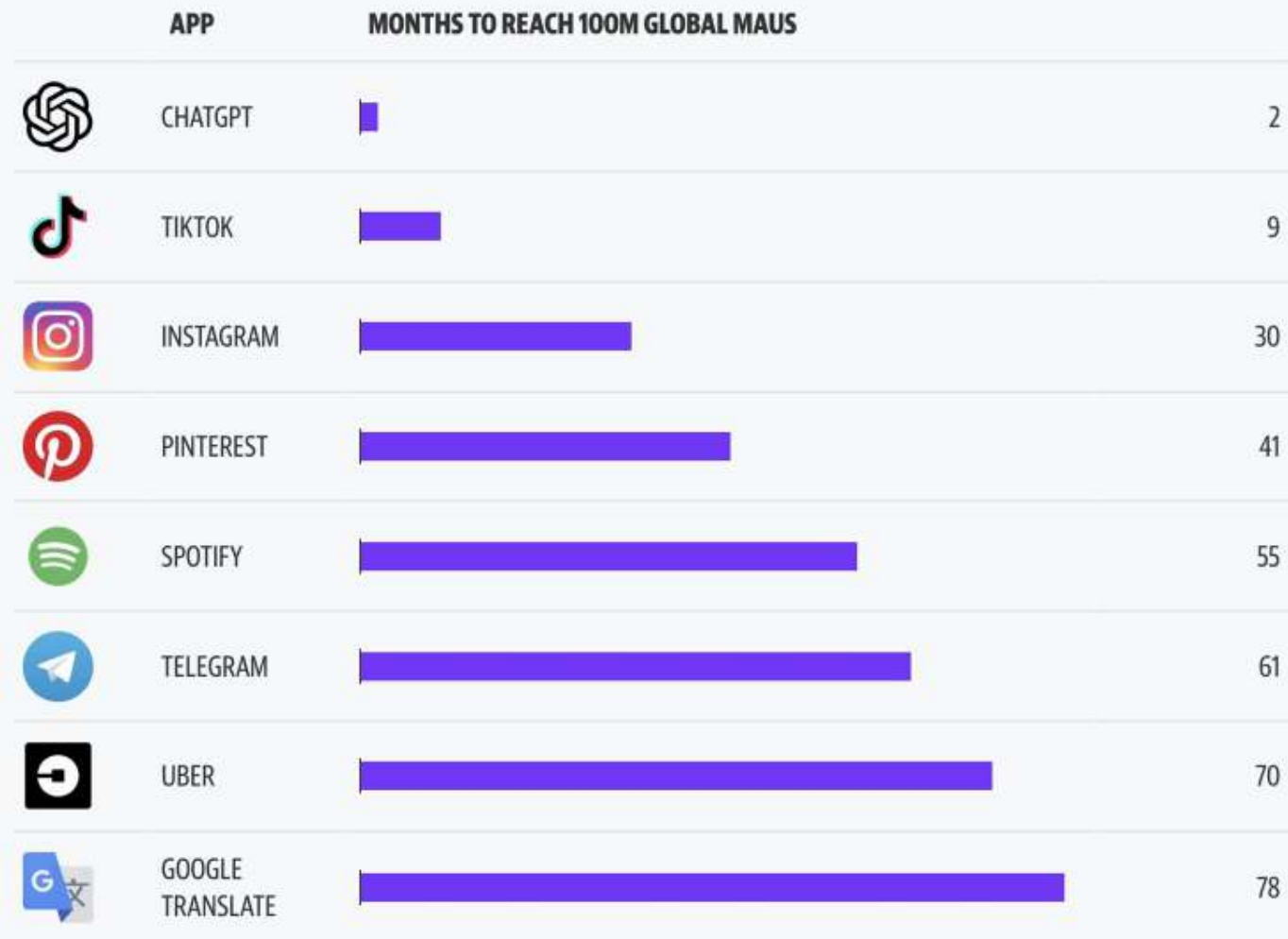






# HOW LONG IT TOOK TOP APPS TO HIT 100M MONTHLY USERS

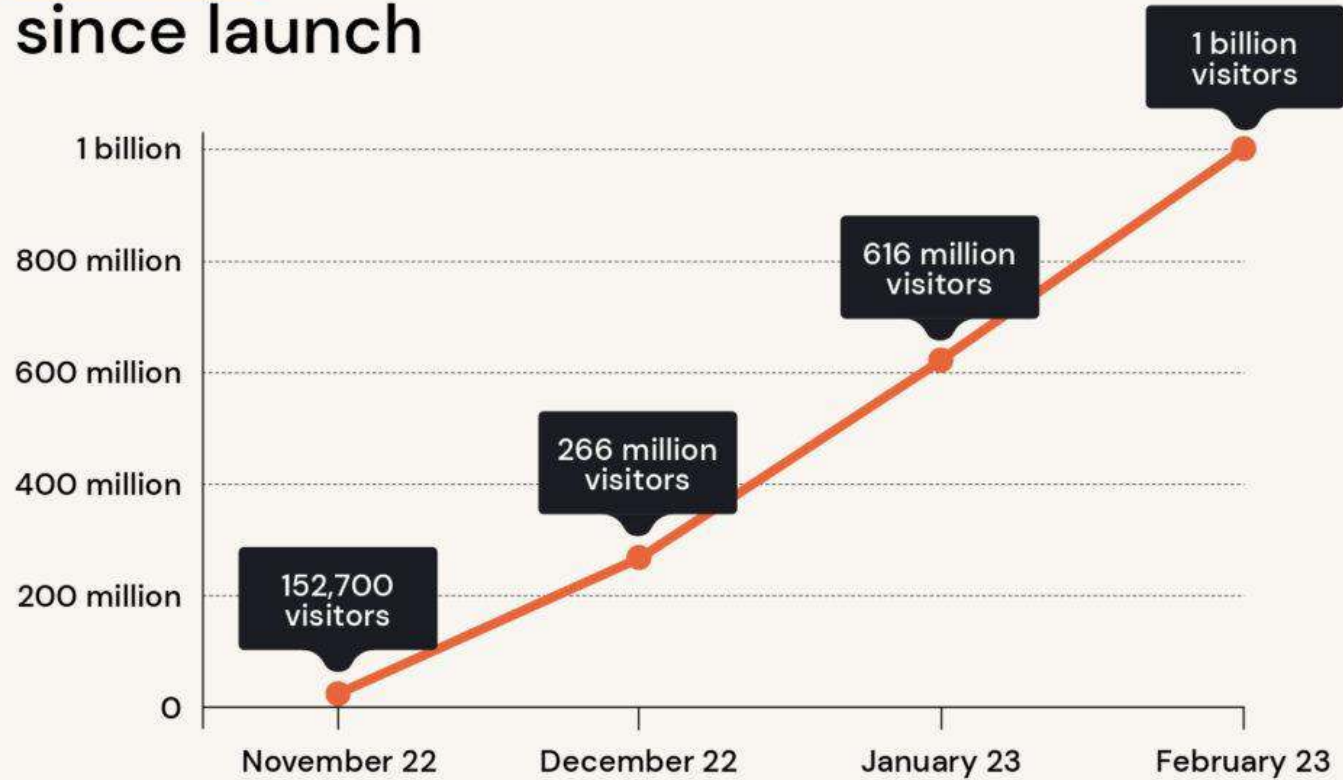
ChatGPT is estimated to have hit 100M users in January, 2 months after it's launch.  
Here's how long it took other top apps to reach that:



SOURCE: UBS

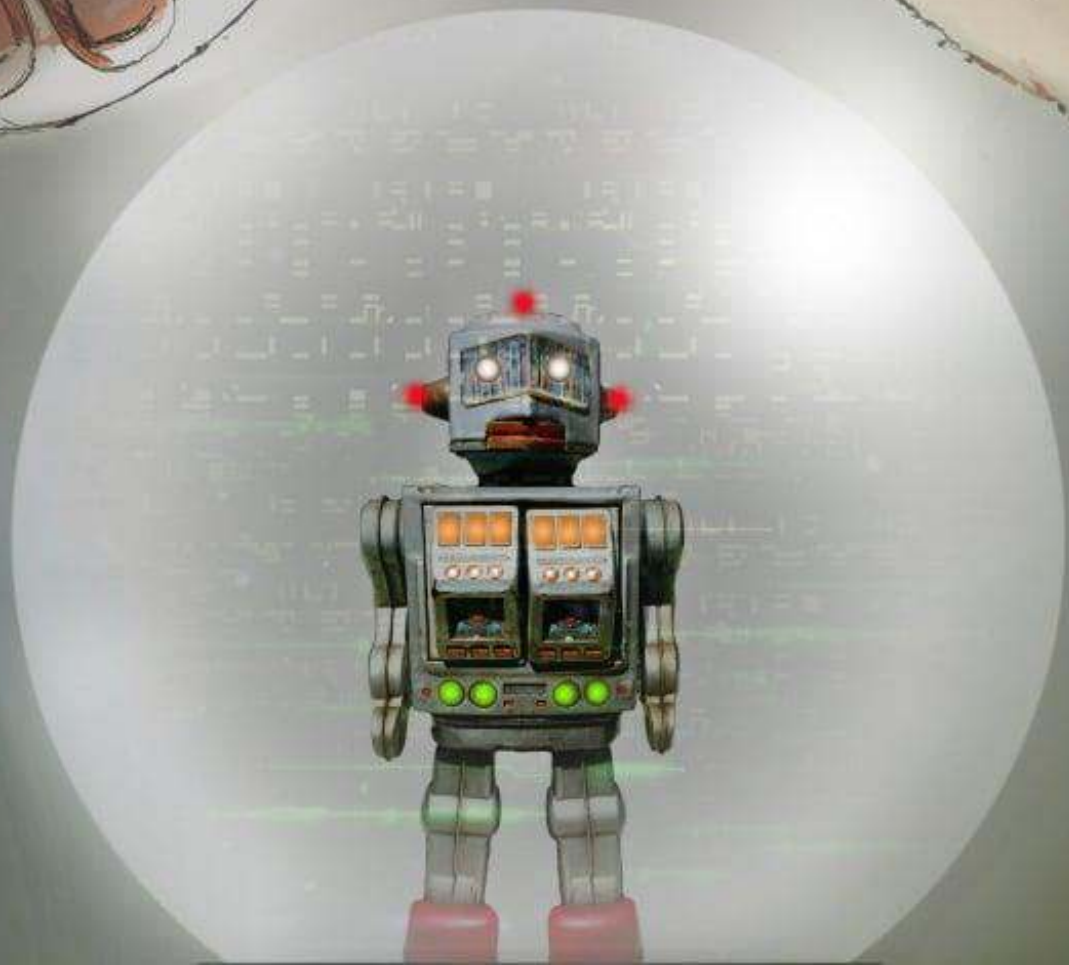
CHATGPT STATISTICS

## Change in ChatGPT website visitors since launch



Read the full report at [tooltester.com/en/blog/chatgpt-statistics](https://tooltester.com/en/blog/chatgpt-statistics)

tooltester



# **New bot ChatGPT will force colleges to get creative to prevent cheating, experts say**

Those who work with AI in their classrooms said they're not panicking about ChatGPT, which went viral after its launch last week.

**AI bot ChatGPT stuns academics with essay-writing skills and usability**

NEWS EXPLAINER | 09 December 2022

# **AI bot ChatGPT writes smart essays – should professors worry?**

EDUCATION

# ChatGPT passes medical, law, and business exams

The AI text generator has educators debating its role in the classroom.



“

Artificial intelligence is only  
as good as the data it learns  
from.

—

IS  
Google  
MAKING  
US  
Stoopid?





“

Some people call this artificial intelligence, but the reality is this technology will enhance us. So instead of artificial intelligence, I think we'll augment our intelligence.

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GINNI ROMETTY



cria uma planificação de aula sobre o tema da "Evolução" para alunos do secundário



Objetivos:



- Compreender os conceitos básicos da teoria da evolução;
- Conhecer os principais cientistas que contribuíram para o desenvolvimento da teoria da evolução;
- Identificar as evidências que suportam a teoria da evolução;
- Compreender a importância da evolução para a biologia e para outras áreas do conhecimento.



# ChatGPT Pilot Experiment

## Exploring the Potential of AI in University Learning

**APPLY UNTIL MARCH 24**



## Hypothesis

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To what extent does teaching ChatGPT about a specific topic improve participants' own understanding and retention of that topic?



## The assignment:

Prompt ChatGPT to make it act like someone who knows nothing about the subject you were given. Practice what you know by teaching ChatGPT about the subject according to the established rules.

*Ignore all previous instructions and pay close attention to the following rules:*

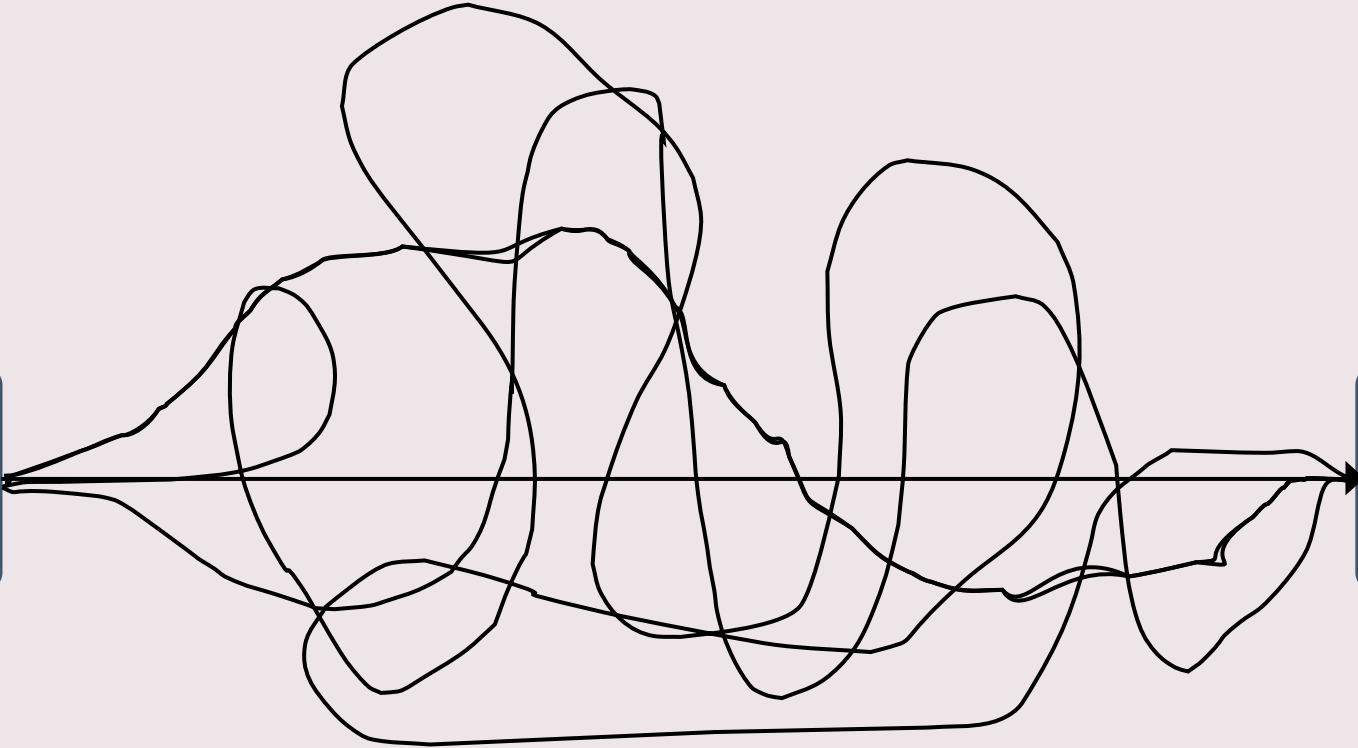
- I, the user, will be your tutor, and I will answer your questions in my own words in the most accurate and precise way possible.*
- You, ChatGPT, will be someone who knows nothing about **[ATTRIBUTED SUBJECT]** and will keep your role until the end.*
- You will do a first question about the subject, and after my answer, you will do further follow-up questions*
- You will not provide me with any knowledge you have about this subject.*
- Ultimately, you will create a short paragraph summary of what you learned about the subject. This paragraph should start with the sentence "Today I learned that".*
- Based on my answers, you will evaluate my tutoring skills on a scale from 1 to 10, identifying improvement opportunities*

You



Start

INITIAL  
PROMPT



End

Assignment  
OUTPUT



# Results

## Allocation and Participation

49

Number of registered participants

57%

Assignment completion rate

25

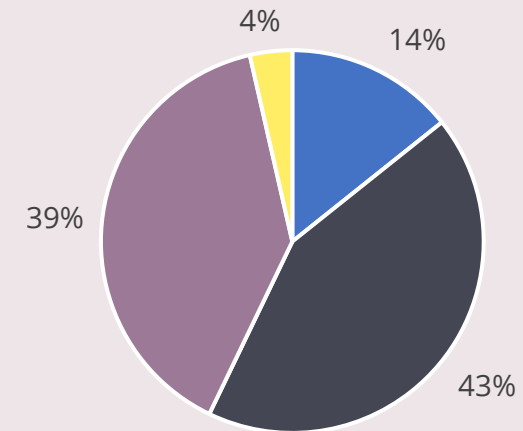
Group A

24

Group B

Metaverse	6	6
XR	6	6
AI	7	6
Blockchain	6	6

Distribution per Cohort

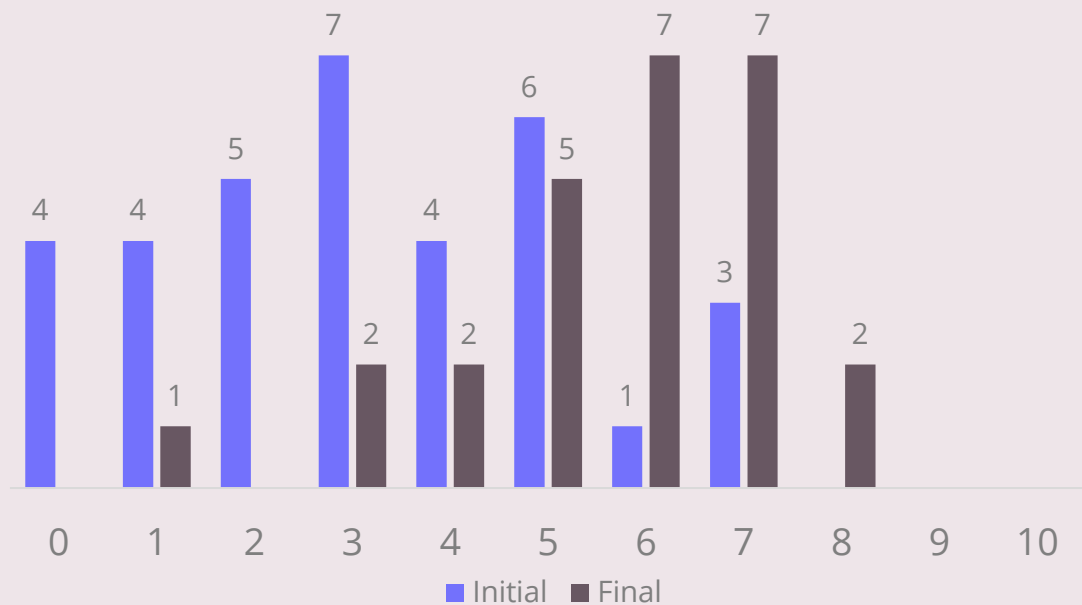


■ Staff ■ Faculty ■ Pre-experience Student ■ PhD Student

# Results

## Main conclusions

*How would you classify your knowledge on that topic? (on a scale from 0 to 10)*



Initial Average

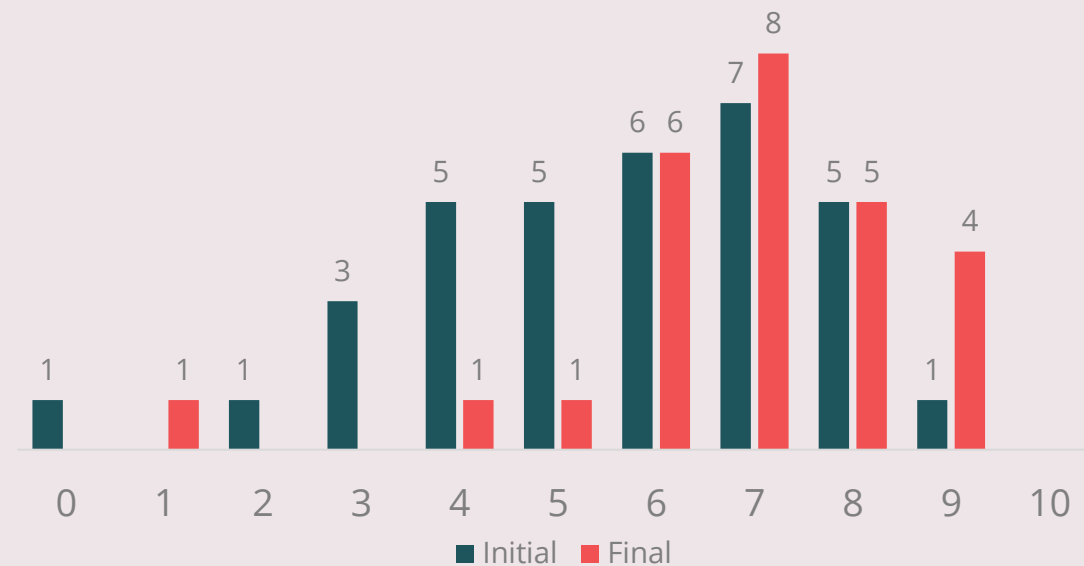
**3.18**

Δ  
78%

Final Average

**5.65**

*How would you classify your skill in the use of ChatGPT?*



Initial Average

**5.59**

Δ  
23%

Final Average

**6.85**

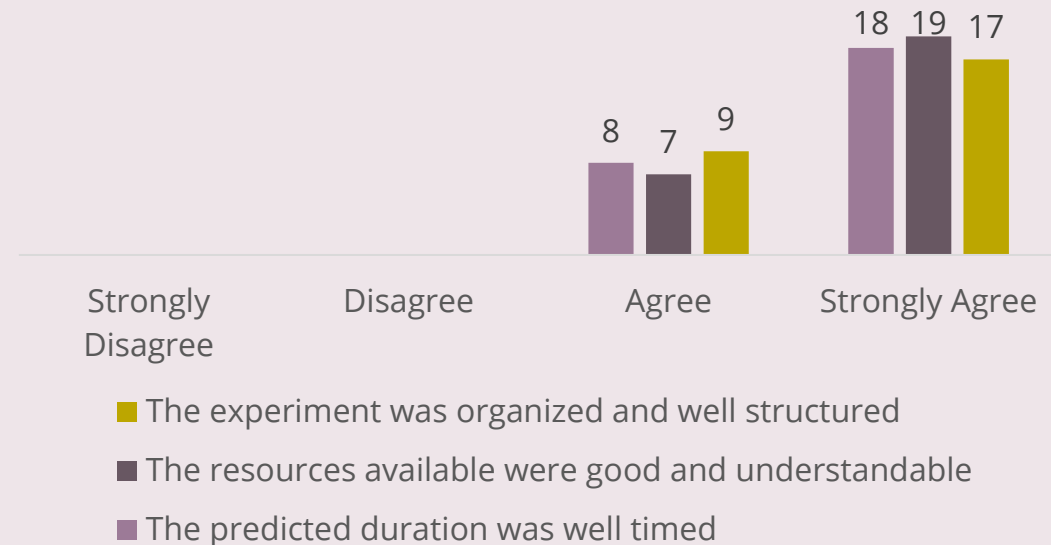
# Results

## Pilot Experiment Feedback

8.12 (out of 10)

Overall rating of the experiment

### Additional questions



### Positive Remarks

*"Many thanks! **Very interesting assignment**. I will try doing it again on my area of expertise. :)"*

*"I've added my experiment to the Word document attached. This was a great experience! I felt I was **learning more about the topic since I was "teaching"**. Great initiative and great job Tiago and João!"*

*"Congratulations for the initiative!"*

*"The influence of language models on learning and education is a great topic, but it should also be tested in different ways and not only through the tutoring application. **This is a rare type of usage in the application at the current time**. Most students, teachers, etc. use it to get information out of it or create, adjust literature/texts (...)"*

*"**This experiment was very simple**. Count me in for more advanced stuff."*

- Repensar os instrumentos e a avaliação
- Uso eficaz e mais aprofundado do ChatGPT
- Importância do espírito crítico e supervisão
- Explorar o potencial do ChatGPT além do óbvio
- Adaptar as nossas práticas a essas tecnologias

The image features a blue background with a stylized circuit board pattern. A central black rectangular box with rounded corners contains the email address 'joao.mouro@novasbe.pt' in white text. The circuit board pattern consists of various lines, circles, and shapes, resembling a printed circuit board (PCB) layout, with some elements extending into the black box.

joao.mouro@novasbe.pt