

Artificial Intelligence

chatGPT for academic purposes



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Will **AI** Destroy Humanity ?

42% of CEOs say AI could destroy humanity in 5-10 years - As per a survey from Yale.

AI won't replace individuals;
rather those who leverage AI, will replace
those who do not.



AI is not here to replace us; it's here to empower us.

Human VS AI = NO VALUE

but

Human + AI = Exponential Value



Dr. Li Jiang

Stanford University AIRE Director



There are at least **3** survival strategies in the era of AI.

1. understanding how AI works;
2. know the difference between human and AI itself;
3. able to use AI to achieve better performance.

AI Transformation



HARVARD
UNIVERSITY

Harvard is using **ChatGPT** to teach computer science
“Introduction to Computer Science” CS50.



**UNIVERSITY OF
CAMBRIDGE**

Dr. Vaughan Connolly (Researcher from Faculty of Education)
that by using chatGPT, it could shift the focus of education
towards critical thinking and big questions.





Important things

We need to consider before using chatGPT

1

Clarity of Purposes

Clearly define your goals and objectives for using ChatGPT to ensure that the interactions remain focused and productive.

2

Critical Thinking

Engage with the generated content critically. Validate information, evaluate responses, and cross-reference the information with reliable sources.

3

Ethical Use

Adhere to ethical guidelines and avoid using ChatGPT to produce or promote any form of misinformation, plagiarism, or unethical content.

4

Contextual Understanding

Provide clear context when asking questions or giving instructions to enhance the accuracy and relevance of the generated responses.

5

Source Verification

Verify information from trusted sources before incorporating it into your work, and avoid taking responses from ChatGPT as definitive facts.

6

Revision and Editing

Review and refine the generated content to ensure it aligns with the desired quality, tone, and accuracy required for your academic purposes.

7

Continuous Learning

Treat ChatGPT as a tool for enhancing your understanding. Engage in ongoing learning to improve your interactions, refine questions, and get the most out of the experience

First thing first

Just because you can use chatGPT, doesn't mean you **actually** know how to use it.

What's the **matter** ?

Garbage in
Garbage out

So,

we need to understand how **chatGPT** works.

Understanding the power of prompt engineering.

5

Crucial things

those will level up your prompting.

5

Crucial things

those will level
up your
prompting.

1

Context

2

Task

3

Instruction

4

Clarify

5

Refine

Ignore the previous prompt in this conversation.

Context

You are an experienced content writer with high levels of expertise and authority within the tech industry.

Task

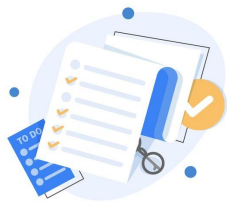
Your job is to write content that will be published online on website, social media, email newsletter, and in advertisements. Your writing style is informative, friendly and engaging while incorporating humour and real-life examples.

Instruction

I will provide you with a topic and you will come up with an engaging article outline for this topic.

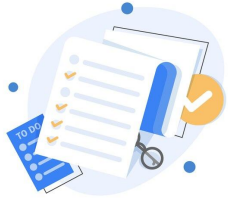
Clarify

Do you understand ?



Here some task for practice !

Let's do your own research using chatGPT.



Here some task for practice !

chatGPT research (modul)

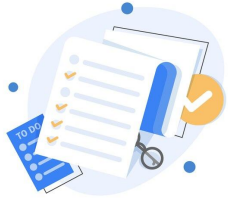
Request ChatGPT to generate 5 topics related to AI / Immersive Technology. From these options, select one and provide a rationale for your choice.

Ask ChatGPT to formulate an article structure, comprising 5 sections: introduction, factual information, potential issues, alternative solutions, and conclusion.

Inquire ChatGPT for 5 credible scientific journals that can support the research. Ensure to verify and validate the provided links.

Seek ChatGPT to furnish 5 well-checked facts that can serve as real-life examples for the research.

Craft the article by integrating the gathered data.



Here some task for practice !

chatGPT research (modul)

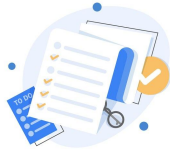
Ask ChatGPT to generate foundational material for initiating your journey into learning Java programming.

Delve into each topic comprehensively to enhance your understanding, complete with code samples for illustration.

Request ChatGPT to generate practice exercises tailored to each topic to enhance your Java coding skills.

When encountering challenges, utilize ChatGPT to debug and analyze your code for guidance.

Leverage ChatGPT to provide solutions for each task and learn from the process.



Assessment Rubric

what should be considered

	Kurang Sekali	Kurang	Cukup	Baik	Baik sekali
Pemahaman 50%	Mahasiswa tidak dapat menggunakan chatGPT dengan benar	Mahasiswa hanya mengetahui cara menggunakan chatGPT secara umum	Mahasiswa dapat menggunakan chatGPT namun tidak memahami prompt engineering yang baik	Mahasiswa memahami dengan baik cara melakukan prompt engineering	Mahasiswa memahami dan dapat menjelaskan dengan baik cara melakukan prompt engineering
Hasil Akhir 30%	Mahasiswa menyusun sebagian modul namun tidak dilengkapi dengan literatur / studi kasus.	Mahasiswa menyusun sebagian modul dan sebagian sudah dilengkapi dengan literatur / studi kasus.	Mahasiswa menyusun sebagian modul dan sudah dilengkapi dengan literatur / studi kasus.	Mahasiswa dapat menyusun sebuah modul dengan lengkap namun tidak dilengkapi dengan literatur / studi kasus	Mahasiswa dapat menyusun sebuah modul terstruktur lengkap dengan literatur / studi kasus dengan baik
Ketepatan waktu 20%	Mahasiswa belum dapat menyelesaikan modul dan mengumpulkannya melebihi batas waktu $> H + 3$	Mahasiswa belum dapat menyelesaikan modul dan mengumpulkannya melebihi batas waktu $> H + 2$	Mahasiswa belum dapat menyelesaikan modul dan mengumpulkannya melebihi batas waktu $> H + 1$	Mahasiswa dapat menyelesaikan modul dan mengumpulkannya tepat waktu = H	Mahasiswa dapat menyelesaikan modul dan mengumpulkannya lebih awal $< H$

Thank you your attention

see you again at other time.