

Part 1: An ethical work plan (group): Each group will develop a plan for how AI can be used ethically in the academic context. The plan can be informally written but it must:

- Define what AI (incl. LLMs) actually is and how it works. AI assistants from companies like OpenAI, Google, and Anthropic are getting super-smart super fast. But...how is that happening?
- Identify some (2 or 3) problems with using generative AI in academic contexts.
- Identify some (2 or 3) ways that AI can be used ethically in academic contexts.

No need for a formal reference list on this assignment. Sources can be linked into the text where they are used.

how does new streaming culture affect childrens behavior

Streaming culture—platforms like YouTube, Netflix, Disney+, TikTok, and Twitch—has had a big effect on children’s behavior, both positive and negative. Here are the main ways:

1. Attention Span and Instant Gratification

- Many streaming platforms use autoplay and recommendation algorithms, which encourage binge-watching and make it harder for kids to stop after one episode.
- Short-form streaming (TikTok, YouTube Shorts) reinforces quick consumption and can shorten attention spans, making traditional classroom learning feel slow or boring.

2. Social Behavior and Identity

- Kids imitate the personalities, catchphrases, and even fashion choices of streamers and influencers.
- “Parasocial relationships” form—children feel like they know or are friends with content creators, which can shape self-image, role models, and social expectations.

3. Sleep, Routine, and Physical Activity

- Late-night streaming disrupts sleep schedules.
- Binge-watching often reduces time spent outdoors or in physical play.
- Less structured routines mean fewer family mealtimes and less face-to-face socialization.



AI doesnt cite sources but when you ask the question it does show that it is checking multiple websites for the information.

It gives bullet points of easy to understand information and sections so you can see all the different things related to the topic.

The tone is very neutral and informative. So you can understand it but it doesnt initially consider the information good or bad unless you ask it to.

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WHAT IS AI? Emily

- At its core, AI refers to a machine or computer system’s ability to perform tasks that would typically require human intelligence. It

involves programming systems to analyse data, learn from experiences, and make smart decisions – guided by human input. The most familiar form of AI is virtual assistants like Siri or Alexa, but there are many iterations of the technology. The best way I've heard it explained is in traditional programming you provide rules and the program computes results. In machine learning, you provide results and the machine computes rules (via training).

HOW DOES AI WORK? Jada

- The output of that computation, the rules, is an utterly massive set of numbers ("inscrutable matrices") that mean nothing to the humans who look at it, even those humans who trained the model, or built the network structure, or developed the learning algorithms (transformers etc).
- That is why people say, quite accurately, that we don't know how AI works, because you generally can't point to any number or layer in the matrix and describe what it is doing. There is an entire growing field (interpretability) to interpret the meaning behind the numbers, map which nodes are connected to which nodes or which fire based on what type of prompt etc. some of these findings have been pretty amazing but it's still a newborn baby field and the explanation as to how it works is still largely "idunno."

HOW IS AI EVOLVING SO QUICKLY? Jada

- I work in the field, so I have some knowledge on this. And the short answer is it didn't happen overnight, all of this has been in the works for decades. If you're not in the field and don't actively seek out information on the topic, and only know the advancements of technology based on what is presented to the mainstream public, you won't know the progress of the research that's going on, and when something is finally published, it feels like it happened overnight. On another note, since you mention some of the virtual assistants for comparison. I worked for one of the major virtual

assistants - they are a whole different category. There's some overlapping technology here, but in general there is a lot more involved in these assistants than just generating text based on prompts . Whenever I tell people I work in NLP/language tech and specifically the product I worked on, 9 out of 10 would say "Oh you work with AI?" and I'm always uncomfortable with the question. I guess it's AI, but I don't think it's the same AI they're thinking, haha. AI seems to be the buzz word now. Yep, we always say language model, because that's what this stuff (ChatGPT and the like) is, a language model.

WHAT ARE THE PROBLEMS WITH AI? Jenny

- **The trustworthiness of the ai, DEPENDING ON AI COMPLETELY; INCOMPETENCE**
- **NOT CREATIVE AND DOESNT HAVE HUMAN CREATIVITY AND EXPERIENCE**
- **TRUSTWORTHINESS/ACCURACY, sometimes AI spits out random info that doesn't match or is made up, could even create fake website links and sources. The way (format/detailedness) how you ask AI question may also impact the answer AI will respond with, it's based on its database and the probability of prediction to respond.**

WHAT WAYS CAN AI BE USED ETHICALLY IN ACADEMIC CONTEXTS? Emily

1. BRAINSTORMING
2. REVIEWING WORK
3. TO BREAK DOWN COMPLEX IDEAS PROFESSORS CAN'T EXPLAIN
4. TO RESEARCH TOPICS QUICKER

What are 2 or 3 Problems using AI in academic Contexts? Kamil

- **One of the most common issues using AI in education would have to be bias. “Artificial intelligence (AI) is technology that enables computers and machines to simulate human learning, comprehension, problem solving, decision making, creativity, and autonomy.” We are taught that robots do not have sources of emotion, and the one thing professors are interested in is being able to see the writer's perspective and what they are feeling.**
- **Many students rely on AI to do the work for them. This is leading to students not learning anything due to having AI do their assignments and/or homework. Most of the time their homework assignments may be 100% and during class or during exams they do not achieve the same answers or scores. It is a big impact on how students are doing their day to day work. Often leading to plagiarism which is a big NO in any academic context.**
- **Finally the biggest con of all would have to be inaccurate information. It may be one of the biggest compromises a student can face. As mentioned previously, students use ChatGPT, or openAI as a method to look for sources, information, and answers. Most of the time AI does not provide the most accurate answers because it just pulls information from the internet combining it into one answer. There are many sources on the internet that are completely incorrect leading the students to then use that information on their homework or classwork. For instance, when asking AI for a source, majority of the time its a made up source because when you type the source on google, safari, etc its nowhere to be found.**

