

AI and Academic Integrity in IADT

Lunchtime Conversation 12.30 - 1.30
February 13th 2023

Institute of
Art, Design +
Technology
Dún Laoghaire

Rebecca Roper John Dempsey and others



**Describe how you are currently
feeling about AI text generation....**

What is LLM?

- Large Language Models
- Train computers to recognize patterns in human language so as to 'predict' the next word/phrase
-

ChatGPT



Examples

"Explain quantum computing in simple terms" →

"Got any creative ideas for a 10 year old's birthday?" →

"How do I make an HTTP request in Javascript?" →



Capabilities

Remembers what user said earlier in the conversation

Allows user to provide follow-up corrections

Trained to decline inappropriate requests



Limitations

May occasionally generate incorrect information

May occasionally produce harmful instructions or biased content

Limited knowledge of world and events after 2021




Check out the recent QQI session with Anna Mills from College of Marin, California

– <https://www.youtube.com/watch?v=vl-6dzillr4>

– Highlights:

- LLMs offer original word combinations, so they do not ‘copy and paste’ from sites
- More than one response to the same prompt
- Grammatically correct, on topic, sounds plausible

Limitations...what to watch for



ChatGPT has
no
understanding

It's just patterning




It sometimes
makes up
facts,
quotations,
and citations.

**It's only as good
as Wikipedia...**



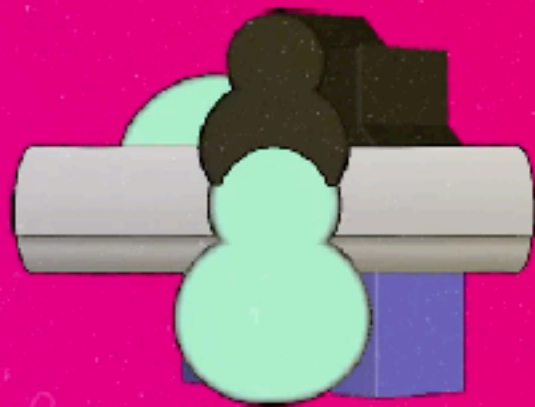
It's often
biased
because the
text it's
based on is
biased

**This is a
convincing
argument for a lot
of students**



There's no
coherent
intention
behind its text

Not yet



- <https://myownwork.qqi.ie/>

**What are
we doing?**



- Students submit using Turnitin on EVERY paper-based assignment
- Software generates student profile of language use, style data

Turnitin Authorship

- We have Authorship active on our system.
- Flags risks
- Allows checks by Investigator
- Please notify T&L/Educational Technologist if you have concerns about any of your students
- Works in conjunction with student profile so make sure all of your students appropriate assessable content is submitted via Turnitin

**All appropriate
assessable content
uploaded through
Turnitin**

What is Turnitin doing to combat AI generated text?

– <https://www.youtube.com/watch?v=g85aB8qaSGc>

To consider...

- Changing the assignment cover sheet to specifically include AI generated text
- Revising assessment briefs
- Utilizing AI to facilitate learning

Department level rethink of Cover Sheets

Meaning and purpose in assessment

- Examine the purpose of your assessment in relation to your learning outcomes
- Is there another way to achieve this?
- PBL/CBL/Live demonstration of content

**The value in
any assignment
is more in the
process of
doing and
revision than in
the product**

- Examine this with your students
- How can you tangibly value the process?

Registry is currently working on Academic Integrity Policy which will supersede existing plagiarism policy

- Will explicitly include:
 - Contract cheating (essay mills)
 - Provision for use of LLMs
 - Plagiarism
 - Collusion

Can you
positively use
AI to facilitate
learning?

Photo by [DeepMind](#) on [Unsplash](#)



Bilal Mushtaq on Twitter

<https://twitter.com/MushtaqBilalPhD/>

[status/1621379333943083009](https://twitter.com/MushtaqBilalPhD/status/1621379333943083009)



Thread



Mushtaq Bilal, PhD @MushtaqBilalPhD · Feb 23

1. Outline for a research/seminar paper

Example prompt:

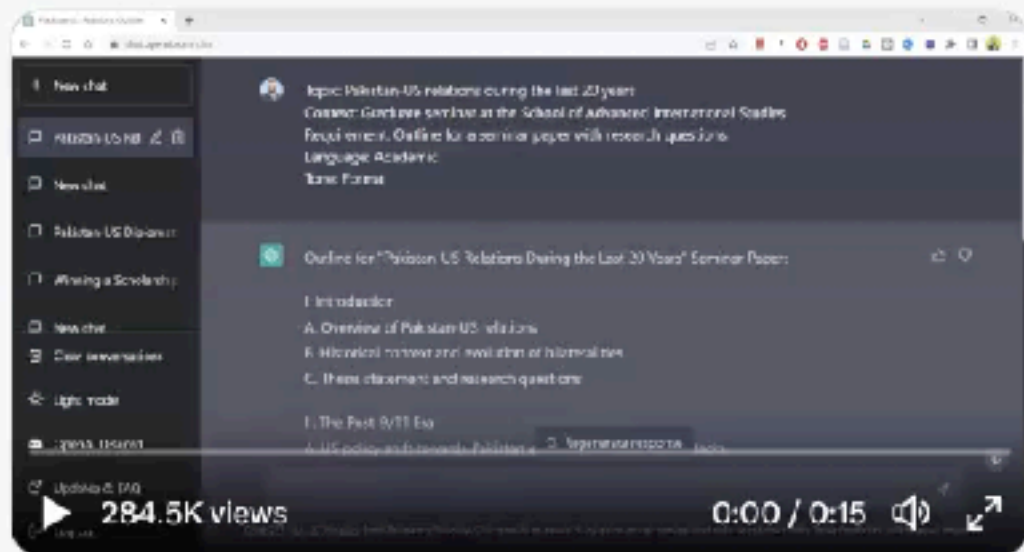
Topic: Pakistan-US relations during last 20 years

Context: Graduate seminar at School of Advanced International Studies

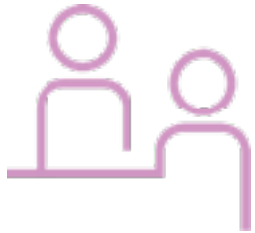
Requirement: Outline for a seminar paper with research questions

Language: Academic

Tone: Formal



Other ways to ethically facilitate learning



Creative writing prompts

Possible interview questions

Gathering data

Idea generation

Developing a personal statement

?



- In class writing
- Assign steps in the writing process
- Ask students to use Track Change in word
- Hold conferences/debates/presentations
- Ask students to record audio or video notes to document their process
- Incorporate points from class discussion

Anna Mills - College of Marin

**Ask your
students to
explicitly
identify any AI
generated work,
if you have
integrated this
into your
assessment**

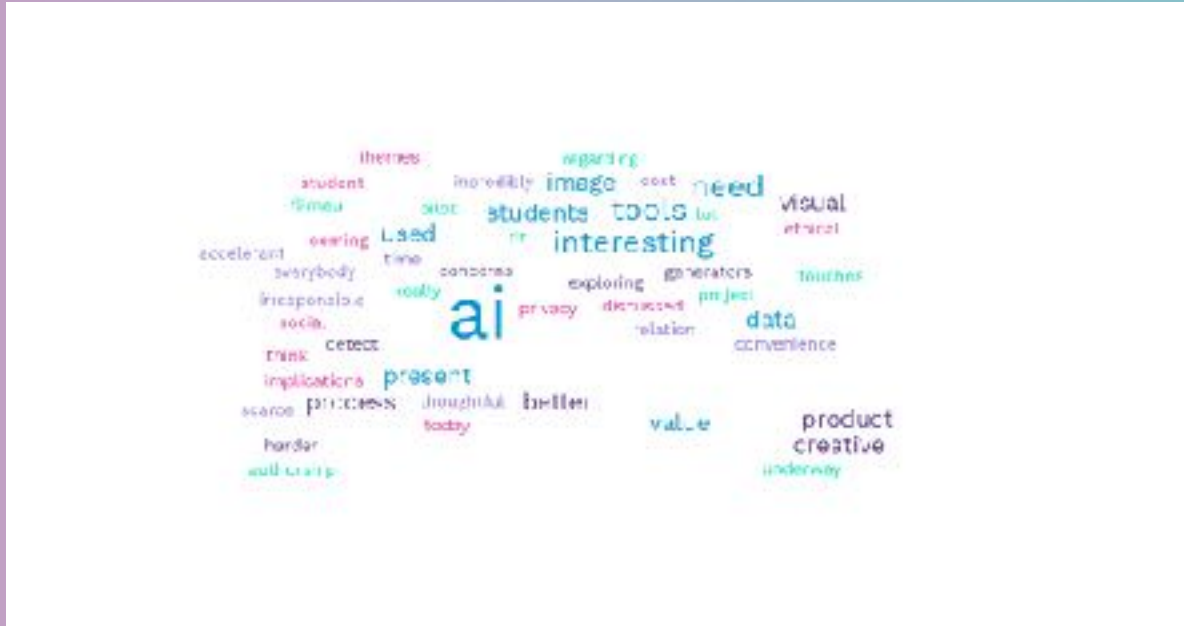
Resources

<https://bit.ly/AIwritingEDU>

- [AI Text Generators and Teaching Writing: Starting Points for Inquiry, news, analysis, and educators' approaches to the subject.](#)
- [Sample policies](#)
- [Samples of AI-generated academic writing](#)
- Information on AI Text Identification.

[“Adapting College Writing for the Age of Large Language Models such as ChatGPT: Some Next Steps for Educators,”](#) by Anna Mills and Lauren Goodlad, *Critical AI*, January 17, 2023

Describe how you are feeling about AI text generation after participating in this session...



Url references from chat and others

<https://www.newyorker.com/tech/annals-of-technology/chatgpt-is-a-blurry-jpeg-of-the-web>

<https://time.com/6240569/ai-childrens-book-alice-and-sparkle-artists-unhappy/> Book written by AI and image generator and more here on the same story:

<https://twitter.com/ammaar/status/1601284293363261441>

<https://www.youtube.com/watch?v=g85aB8qaSGc> Sneak peak Turnitin AI detection tool

Ai content detector: <https://copyleaks.com/features/ai-content-detector>

the merits of copying https://escholarship.org/content/qt8bq69315/qt8bq69315_noSplash_5d0a4488df6fd27a48a8a43b5040570d.pdf?t=op2m9v#:~:text=Results%20showed%20that%20drawings%20by,subjects%20could%20produce%20creative%20drawings.

Digital Technologies and the Automation of Education — Key Questions and Concerns <https://link.springer.com/article/10.1007/s42438-021-00263-3>

Current legal cases against AI <https://tcrn.ch/3XGL6k0>

AI art wins prize: <https://www.smithsonianmag.com/smart-news/artificial-intelligence-art-wins-colorado-state-fair-180980703/#:~:text=Jason%20Allen%2C%20a%20video%20game,came%20with%20a%20%24300%20prize.>

Ideas for ethical usage: <https://twitter.com/MushtaqBilalPhD/status/1621379333943083009>

EDU resources via Anna Mills: <https://bit.ly/AIwritingEDU>

#My own work' <https://myownwork.qqi.ie/>

QQI Anna Mills presentation on AI February, 2023 <https://www.youtube.com/watch?v=vl-6dzillr4>

Making Sense of the Digital Automation of Education

<https://link.springer.com/article/10.1007/s42438-022-00362-9>

<https://www.simcoe.co.uk/exploring-chatgpt-ai/>