The Ethics Engine: Libraries Driving Responsible AI

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Referencing and Plagiarism awareness guide and quiz <u>https://libguides.aber.ac.uk/referencing</u>

Referencing & Plagiarism Awareness: 5. Referencing Artificial Intelligence Outputs

1. Introduction	2. What is ref	erencing and citation?	3. How to in	nsert citations into	your assignment.	4. What is plagiarism	m? 5. Referencing Artificial Intelligence Outputs
6. Consequences	of plagiarism	7. Plagiarism in the	news 8. Re	ferencing Examples	9. Reference	management tools	10. Submitting your work using Turnitin
11. How to interpr	et your Turnitin	similarity report 1	2. Further help	13. Quiz F	eedback		
Referencing examp	oles		Utili	sing AI: Key Facts			Where Can I Get Help?
See our Referencing referencing AI output referencing style		or practical examples of our Department's		1			If you would like to know more about AI tools for your studies, have a look at our AI and the Library guide If you have any questions, please come and see us at: • The enquiries desk on Level F of the Hugh Owen
University Guidanc	-						Library. The enquiries desk in the Physical Sciences Library
The University guide	elines state that " ur own" is a form	 Aberystwyth University presenting work generate of plagiarism and therefore practice. 	ed pre You	must follow the lates artment.	st guidance on AI sup	plied by your	Contact your Subject Librarian directly or email the team: librarians@aber.ac.uk
Full details on the U	niversity's guideli	nes on unacceptable	If yo	ou use Al for your ass	essed work, be trans	parent and	

Referencing & Plagiarism Awareness: 8. Referencing Examples

1. Introduction	2. What is refe	erencing and citati	on?	0. How to insert citations into your as signment.						4. What is plagiari	sm?	5. Referencing Artificial Intelligence Outputs	
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11. How to interpr	et your Turnitin s	similarity report	12. Fu	y thar l	help	13. Quiz	Food	lbac	k		2		

Referencing Style Examples



ntroduction	Book (print)	Ebook	Chapter	from edited boo	Ar	ticle (Print)	Art	ticle (Online)	Website	Blog	Thesis or Dissertat	ion Conference pa	pers
Standards	Maps: Print, Digir	map and Goo	ogle Earth	Refinitiv Wo	rkspace	IBIS Wo	rld	Newspaper a	rticle (Print)	Newsp	aper article (Online)	Students' own work	
Documents	Images (Print)	Images (Online)	Social media	osts	Al outputs	E	it al. (three or m	ore authors)				
ne University g	uidelines state that "	presenting wo	ork generate	d by AI as if it we	e your on	n" is a form of	- plagia	ism and therefore	ore constitutes u	inacceptabl	e academic practice. Fu	II details on the University	y's
uidelines on un	acceptable practice	can be found	here.										
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AberSkills

Welcome to the home of skills development at Aberystwyth University.



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Good academic



Referencing

5



Writing for



















Supporting staff authenticating assignment content as part of UAP case work



Microsoft image generator

How AI tools are creating misleading references

- References can include:
 - Real authors
 - Convincing article titles
 - Real journal titles
- However:
 - References are misleading or false
 - Publication information (dates, volume/issue numbers) often don't correspond
- Other challenges from specialist documentation/subjects:
 - Fraudulent references to case law using standard and neutral citation forms of OSCOLA referencing
 - These citations will often conflate more than one case in a single reference

Examples of false references

• Example: standard citation:

Lynch v St John's College, Oxford [1986] 2 EGLR 133

Check Cardiff Index of Legal Abbreviations: EGLR = Estate's Gazette Law Reports.

EGLR on Lexis; 1986, volume 2, on page 133 = <u>Jones and another v Stroud District Council [1986] 2</u> <u>EGLR 133</u> (not Lynch v St John's College, Oxford)

• Example neutral citation:

Marek v Lloyds Bank [2014] EWHC 3662

Case number 3662 of 2014 England & Wales High Court Citations for HC would usually include division, too (e.g. Ch. Fam., AC. QB, etc)

Searching for the neutral citation give this case: <u>Knighthead Master Fund LP v Bank of New York</u> <u>Mellon [2014] EWHC 3662 (Ch)</u> (not Marek v Lloyds Bank)

Examples of false references (2)

 Fangen, Katrine, 'Gender and the Far Right in Norway', in Gender and Far Right Politics in Europe, ed. by Michaela Köttig, Renate Bitzan and Andrea Pető (Cham: Palgrave Macmillan, 2017), pp. 249–251

This book exists but does not have this chapter. <u>https://www.google.co.uk/books/edition/Gender_and_Far_Right_Politics_in_Europe/1M</u> <u>3DDQAAQBAJ?hl=en&gbpv=1&pg=PA1&printsec=frontcover</u>

• McLynn, Frank. *The Last Executioner: The Life and Times of the British Public Executioner*. St. Martin's Press, 2005.

Frank McLynn a real author who wrote Crime and Punishment in Eighteenth Century England, but - no book of the title. The title looks like a mashup of A Very English Hangman: The Life and Times of Albert Pierrepoint by Leonard Klein (2006)

?

How Subject Librarians can assist

- expect staff to do their own checks
- Our expertise:
 - Comprehensive checks of subscribed-to and specialist databases
 - Specialist knowledge of other resources e.g. indexing services, research repositories
 - Knowledge of the 13 referencing styles used at the University
- Is it down to poor referencing? <u>Referencing and Plagiarism guide</u>

Al and the Library: LibGuide and Blogs

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Tîm Ymgysyltu Academaidd Academic Engagement Team

08 July 2025



- Students widely use AI.
- Students use AI to explain concepts, summarise articles, and generate research ideas and reference lists.
- However, using AI should never replace the learning process itself — it's a tool to support, not substitute, critical thinking and skill development.
- Clear policies and guidance are essential to ensure AI enhances learning without compromising academic integrity.

Rather than discouraging their use, our focus should be on guiding students to use these tools responsibly.

Al and the Library LibGuide

libguides.aber.ac.uk/ artificial-intelligence



LibGuides / General En / Al and the Library / What is Al?

AI and the Library: What is AI?



from data, recognise patterns, and make decisions or predictions based on those algorithms or systems.

Examples of AI applications in everyday life include chatbots, image or voice recognition software, autonomous vehicles, and recommendation systems (for films, music or online shopping).

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Al tools can help students in a number of ways - for instance:

- · Helping to improve your grammar and writing styles.
- · Answering questions using material which can be found
- · Transcribing spoken word and describing the content of
- Data analysis and visualisation.
- · Large dataset processing
- Experiment design.

What is AI not good for?

Overusing AI tools will reduce your opportunities to develop your writing, creative thinking, and research skills. These are key academic and professional skills you will need as you progress through your studies and into work.

If you are going to use these tools for your studies, it is important to do so appropriately and ethically.

- · Have a look at the Appropriate Use Checklist to help you decide whether using an AI tool might be appropriate.
- · Read the guidance in AI Risks, Limitations and Academic Integrity to understand more about the impact

Glossary of Key Terms



- · Academic Integrity: Acting in an honest, ethical, and transparent manner in an academic setting.
- · Accuracy (of outputs): How correct, precise, and relevant is the information generated by the AI tool.
- · Algorithm: A set of rules or procedures followed by a computer to solve a particular problem or perform a task.
- · Artificial Intelligence (AI): Computer systems designed to perform tasks that usually require human intelligence, such as learning, problem-solving, and decision-making.
- · Bias: Prejudice for or against something, a person, or group compared with another, usually in a way considered to be unfair
- · Comprehensiveness (of literature coverage): How thoroughly is the existing research on a topic being covered.
- · Collaborative: Working with others towards a common goal.

What's in the AI and the Library LibGuide?

What is AI?

Clear explanations of artificial intelligence and its role in academic work.

AI Tools for Learning

Overview of popular generative AI tools and how they can support research, writing, and study skills.

Effective and Ethical Use of AI Tools

Guidance on using AI responsibly, understanding academic integrity, and following university policies.

Referencing

Advice on how to properly acknowledge and reference AI-generated content, including current institutional recommendations and examples.

AI and Your Studies

Practical tips for integrating AI into your learning, from generating keywords to organising study materials and exploring new topics.



Librarians' Blog

What is the Librarians' Blog?

- A dedicated space where Subject Librarians share updates, insights, and practical tips on emerging topics.
- Features posts on digital tools, research support, library services and what we do as Librarians, and best practices for students and staff.



Librarians' Blog – Al Series

Recent highlights:

- <u>ChatGPT</u> and <u>Perplexity</u> tools review:
 - Insights into the ethics and practicalities of using conversational AI in academic contexts.
- <u>The Ethics of using Generative AI</u>
 - key message is the need for students to familiarise themselves with Aberystwyth University's guidelines on AI usage and being transparent about their use of AI tools.
- Smart Keyword Searches:
 - How AI can help students and staff develop more effective research strategies.
- Prompt Writing:
 - Tips for crafting better prompts to get more accurate and relevant results from AI tools.

Al and the Library. Week Seven: The Ethics of Using Generative Al (Part Two)

B March 2025 & WordPress User (al4) C1 Help & advice, Information Skills, Learning, Research
 Channe a comment

Be transparent about your Al Usage

Before we get properly underway, let me just reiterate that you must always follow any university and departmental guidance on using Al fools in assessed work.



In our last post on the ethics of using generative AI, we started looking at the importance of understanding the responsibilities that come with using these tools. The key message in that post was the need to familiarise yourself with Aberysbwyth University's guidelines on AI usage.

This week, we're covering another important topic: being transparent about your use of Al topic in assessed work.

As generative AI becomes more widely available, universities are emphasising the importance of academic integrity and clear disclosure when using these technologies.

Using AI can be a valuable aid in research, brainstorming, and drafting, but it's essential to be upfront about how and where you've used it.

Being open about your use of Al tools is vital for maintaining academic integrity. Transparency shows your commitment to honesty and ethical study practices.

Key Takeaway: Why Transparency Matters:

https://wordpress.aber.ac.uk/librarian/ ?tag=artificial-intelligence



Al in the reference list

What's happening?

- Tools like MyBib and Scribbr are widely used by students for quick, easy citation generation.
- They save time and simplify referencing for books, articles, websites and many more sources.

Why students use them?

- Fast, free, and user-friendly.
- Produce references in multiple styles (APA, MLA, Harvard, etc.).
- Help organise and export citations into assignments.

What we're seeing?

• Students rely heavily on these tools and trust them, sometimes without verifying results.

Our response

• We post an ad-hoc blog to point out common limitations and remind students to always check their sources for accuracy.

The usefulness of reference generators... and a word of caution

Available: https://wordpress.aber.ac.uk/librarian/?p=1531

- Encourage students and colleagues to visit the blog for practical tips and advice on referencing and other library topics.
- Share the blog link through course materials, library guides, and learning platforms for easy access.

The usefulness of reference generators... and a word of caution



Reference generators like MyBib and Scribbr have become popular tools for students navigating the complexities of academic writing. These tools simplify the process of formatting citations and bibliographies, which means you get to save some precious time! However, while they are good starting points to quickly generate a reference, you should approach them with responsibility and caution.

Strengths of MyBib and Scribbr

- Ease of Use: Both MyBib and Scribbr are user-friendly, offering intuitive interfaces that allow you to input resource details quickly and generate citations in referencing styles like APA, MLA, Harvard and many more.
- 2. Key Features:
 - Creates references for a variety of resources, including books, e-books, journal articles, websites and more!
 - MyBib integrates seamlessly with platforms like Word, ensuring smooth workflows during document drafting.
 - Scribbr offers features like secure backups and annotations to enhance organisation and protect work.
- Free Accessibility: Both tools are free to use, making them accessible to students across various academic levels. You can use them without an account or sign up for a free account to unlock more features.

Limitations to Consider

While these tools are helpful, they are not perfect. You should be aware of the following limitations:

1. Accuracy Issues:

Citation generators can occasionally misinterpret uncommon or complex sources, leading to

Summary

- Our AI LibGuide, AI Series blogs and ad-hoc posts provide up-to-date tips, resources, and critical insights on using AI tools.
 - Al and the Library LibGuide
 - <u>Al Blog Series</u>
 - The usefulness of reference generators...and a word of caution
- These resources help the Aberystwyth University community use AI tools wisely and responsibly.
- Keep an eye out for future posts!



Deallusrwydd artiffisial a'r Gymraeg Artificial Intelligence and the Welsh Language

- Modelau laith Mawr
 - Hidlo data drwy Saesneg Americanaidd
 - Cystrawen / Gramadeg
 - leithoedd heb lawer o adnoddau
 - Rhithweledigaethau
 - Camgymeriadau / deunydd ffynhonnell anaddas
 - laith anweddus

- Large Language Models
 - Data filtered through American English
 - Syntax / Grammar
 - Low resource languages
 - Hallucinations
 - Mistakes / inappropriate source material
 - Obsenities

Offer Tools

- Offer cynhyrchu cyfeiriadau
- Rhagfynegi testun
- Offer DA cynhyrchiol
- Cyfieithu
- Cysill a Cysgeir

- Reference generators
- Predictive text
- Generative AI tools
- Translation
- Cysill and Cysgeir



Al Literacy Course





THE MANTIMES

Introduction to the Course: The reason behind the 'why'



Provide students more information in one place



Interesting and interactive content



A broad range of topics available



Assess students' knowledge









Viewing the Course:







Any questions?

Contact us librarians@aber.ac.uk llyfrgellwyr@aber.ac.uk

Anita Saycell, Sarah Gwenlan and Non Jones <u>https://www.aber.ac.uk/en/is/library-services/librarians/</u>

Tamsin Davies https://www.aber.ac.uk/en/cgg/staff-profiles/listing/profile/ted/

Shân Saunders https://www.aber.ac.uk/en/is/library-services/digital-capabilities/

