

Beyond the hype: making AI work for you

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A brief history

2022 – Chat GPT becomes freely available

It is a chat bot that uses a generative pretrained transformer (GPT)

Known as Generative AI

Other models claude, perplexity and co-pilot



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AI is about possibility

- Less work not more
- An AI enabled world makes life easier (chooses movies, music, helps with preparation).
- The investment return is high but imagine reducing 8 – 10 day's work down into 2.5 hours!



Before we go much
further ...

All stand up

If the answer to the
question is no, then please
sit



Some interesting facts

- About 33% of people have embraced AI to some degree
- The late majority are now in 'catch up mode' - but we can do this quite quickly
- According to Adobe 85 million Job losses, BUT 97 million job gains
- We are 'swimming' 🐬 in AI – already using it, now a question of making it work for us



Picture created with Dall-E

Imagine if we could

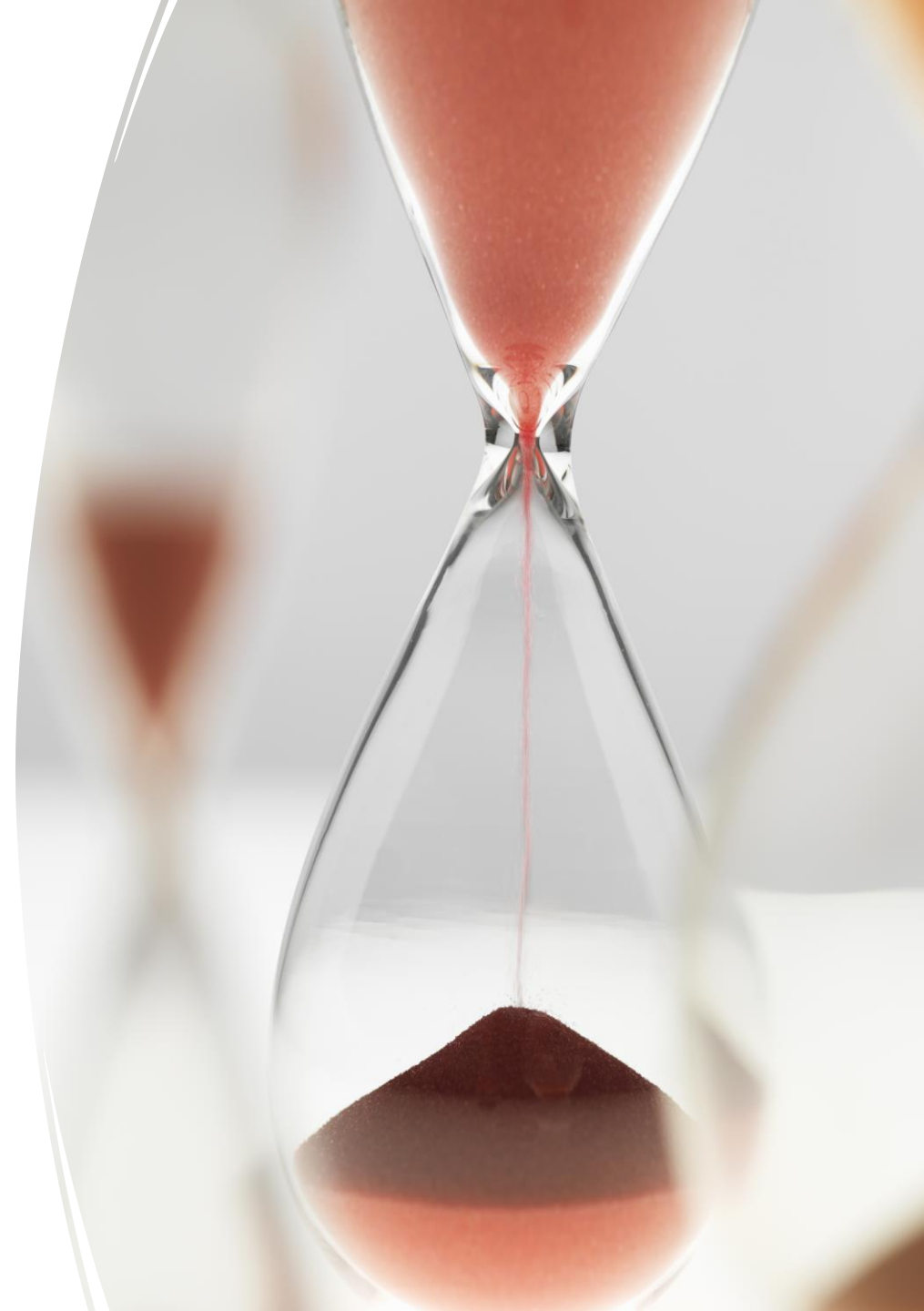
Reduce the administrative tasks of our
job/role

Have more time to think and create

Overcome the fear of a blank page

Give ongoing feedback to our students as
they worked

Write individual reports in half the time



But not all AI is equal – let's talk GenAI

The 'chatty one' is based on a LLM – large data sets that allow it to predict the most likely next word (Generative).

Pretrained – means it has limitations on which data set (timing) – you can always ask it! it may be out of date and not hallucinating

Ask it to check the web or “please use web_browsing extension”

Transformer – it converts 0s and 1s into a conversation



Did you know?

It times out (just like your bank or a purchase) as it is 'stateless architecture'

That using please and thank you will get you better answers?

Capitals is will read as 'shouting'

Mostly uses data stacks are outside of copyright (think of these as ingredients)

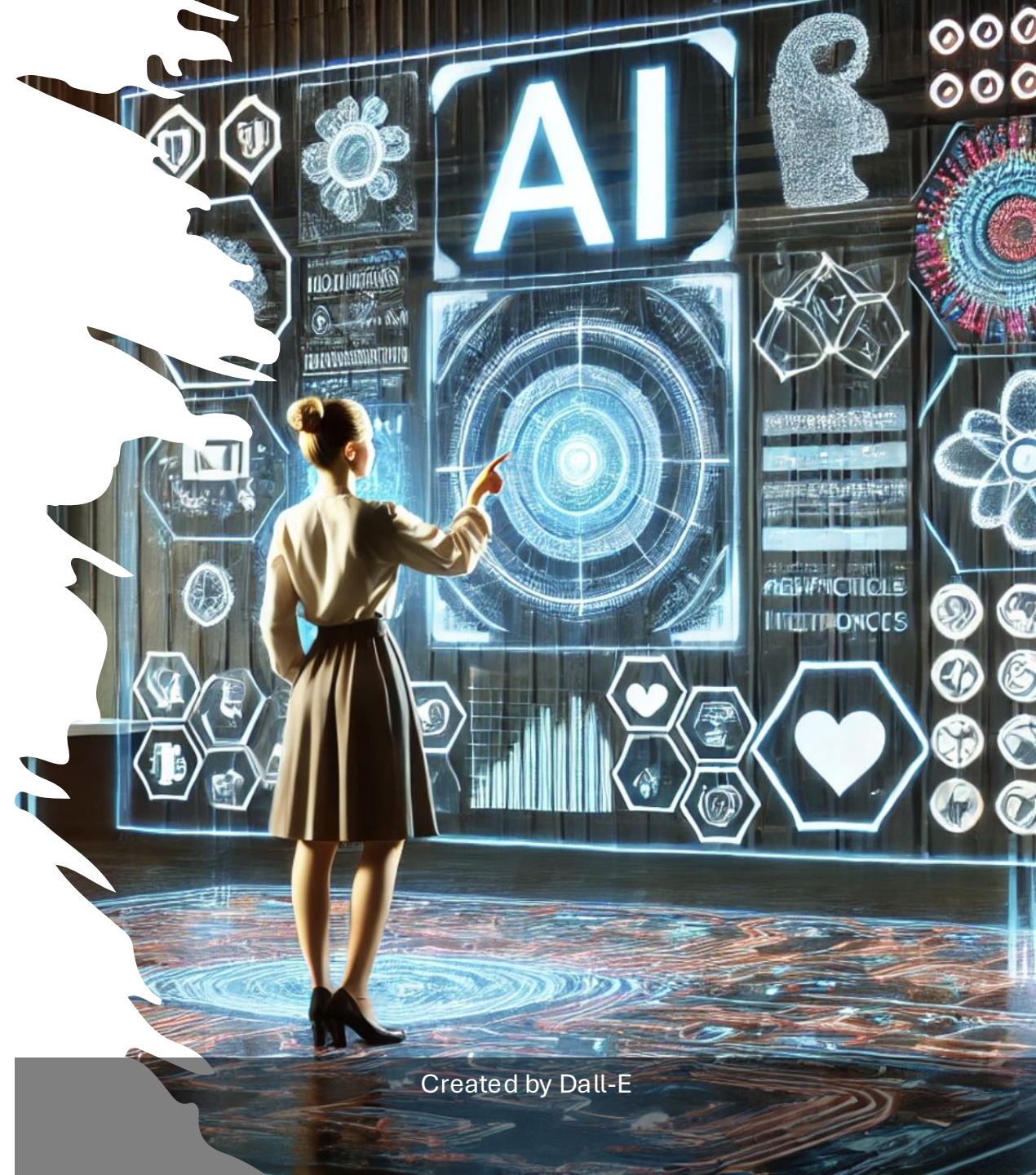
Generally, is not semantic meaning it can't search, retrieve and cite (if it has RAG* it can search and retrieve)



RAG = RAG (Retrieval-Augmented Generation) is an AI framework that combines the strengths of traditional information retrieval systems (such as databases) with the capabilities of generative large language models (LLMs).

A classroom where students learn more and can do more because of AI

- AI is not a model of deficit
- AI is just a programmed assistant



Created by Dall-E

Classrooms

With individualized learning based on interactions – data informed teaching.

That meet students where they are with scenarios that talk to their interests.





What can AI do for you?

Personalised Vocabulary Building
Guided Reading Comprehension
Practice

Exploratory Learning in Science
and Geography

Creative Writing Prompts and Idea
Generation

Self-Paced Quiz Practice and
Instant Feedback

Some (maybe) cool things

Designs rubrics

Explains assessments tasks

Conducts surface literature reviews

And ...



Adobe Express enables this

Loves ice skating, cats and technology!

Imagine
AI

NOW
INTRODUCING:

Lynn

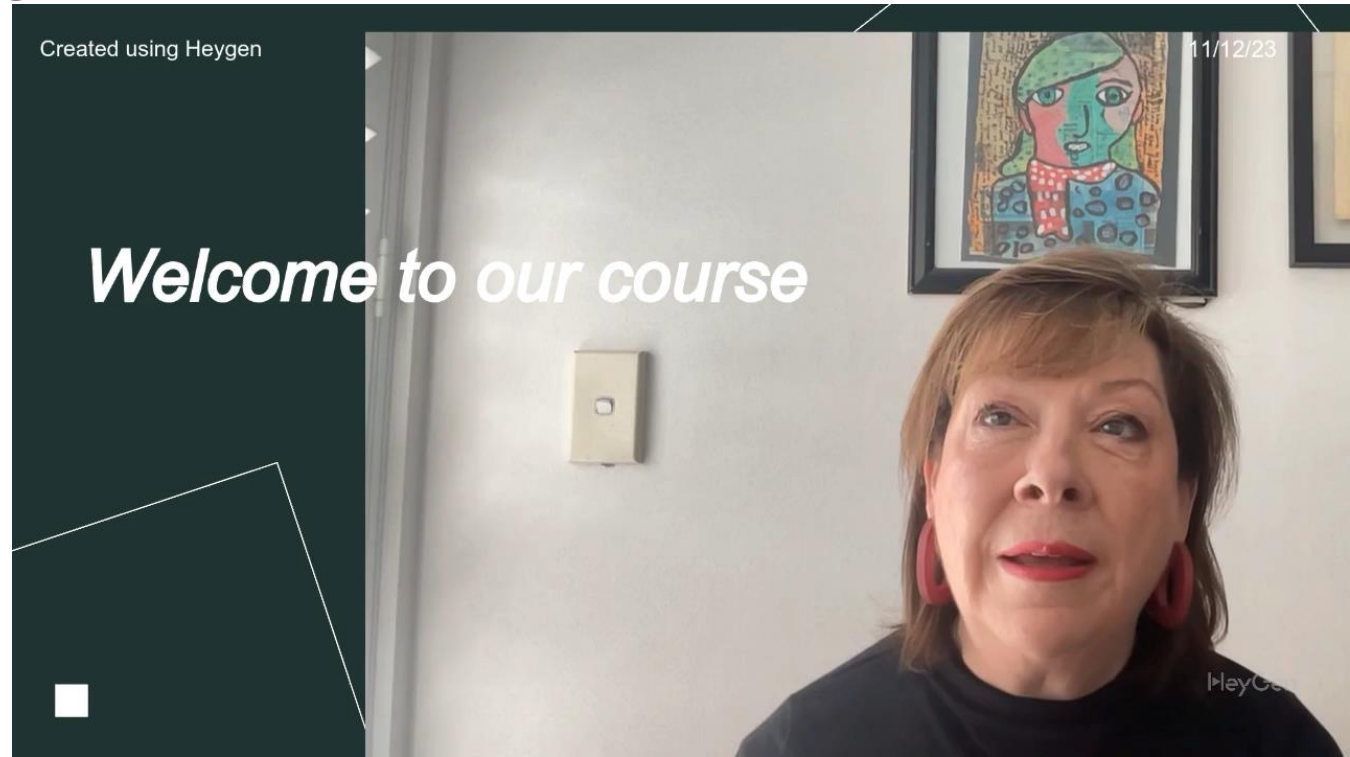
LYNN IS CURIOUS AND
FOCUSED HER FAVORITE
SUBJECTS ARE DIGITAL
INNOVATION AND ETHICS

NATIONAL
2024
TEACHER'S DAY

You could have posters
to welcome your class
– or they can make
them and share them
with you

Imagine

- having 2 or more of me?
- removing most of my dreaded tasks
- It requires us to go into learning mode
- Pedagogy first



A world where you have a second you (the one that reminds students to bring a sweater or lunch for an excursion or what time the bus leaves).

One that can create 50 questions from just 2 examples with feedback on their answers (but not give them answers).

Reimagine



Some ideas

- Creating a test bank
- Scenarios
- Stories about ...
- Summaries
- Exam questions
- Newsletters

Scan these codes: tell us what you'd like to know more about

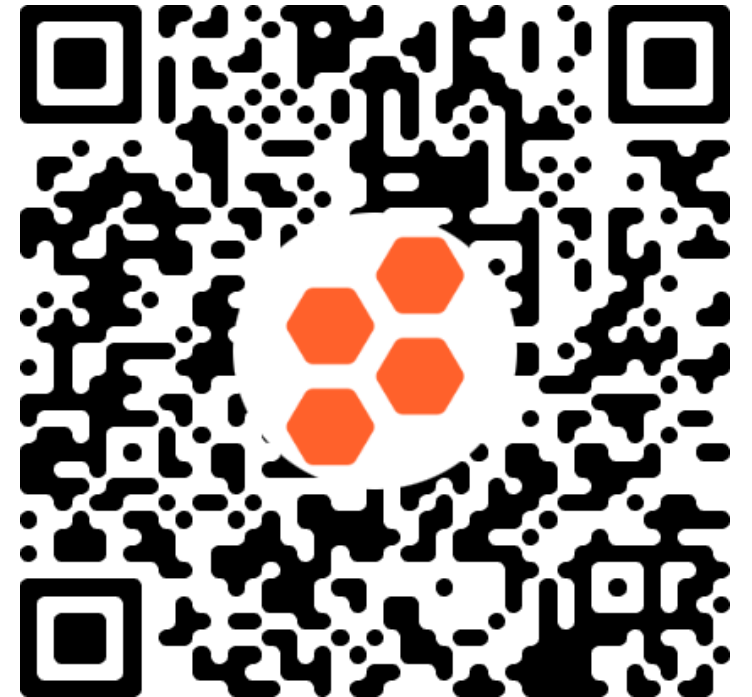
Tables 1 – 20 & VIPs



Tables 21 – 40 & left side



Tables 40 – 65 & right side





Time to reimagine beyond the hype

What can AI do to make your life easier?