



# **Engaging With Academic Integrity**

**Dr Thomas Lancaster – Imperial College London**

Webinar for University of Bath  
Tuesday 6 December, 2022



# Dr Thomas Lancaster

<http://www.thomaslancaster.co.uk>

Twitter: @DrLancaster

- Computer Scientist
- Senior Tutor
- Academic Integrity Enthusiast



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# CHEATING!



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**CHEATING!**

The picture is not me!  
It is based on a computer model of me.



# To Think About...

- What is academic integrity?
- Why do breaches of academic integrity happen?
- What challenges to academic integrity exist?
- How can we support change?



**What does  
academic integrity  
mean to you?**



# Academic Integrity

Understanding about  
plagiarism

a typical student answer

# Academic Integrity

An absence of cheating

It is hard to talk about integrity  
without also discussing misconduct

# Academic Integrity

Means different things to  
different people

# Academic Integrity

Expectations that run  
throughout the  
educational system

Not just for students

# Academic Integrity

## A commitment to values

honesty

trust

fairness

respect

responsibility

courage

A blurred background image of a balance scale, with a white weighing pan on the left and a blue weighing pan on the right, set against a light blue and white background.

preventing  
cheating

# Striking a balance

helping students  
to learn with  
integrity

**Why do students  
cheat?**





**Lack of engagement**

**External pressures**

**Fear of failure**

**Assessment not valued**

**They think no one cares**

**... and many more reasons**

**The potential reward is worth the risk...**



**In what ways can  
students cheat?**



# Some cheating methods...

Plagiarism

Social engineering

Contract cheating

Collusion

Misuse of AI

File sharing sites

Exam impersonation

Misrepresented effort

Exam devices

Faked research

Automatic paraphrasing

...and many more

**How can we ensure that **accidental** misconduct does not happen?**

**How can we reduce the opportunities for and value of **deliberate** misconduct?**

# Two dangers...

Plagiarism

Social engineering

Contract cheating

Collusion

Misuse of AI

File sharing sites

Exam impersonation

Misrepresented effort

Exam devices

Faked research

Automatic paraphrasing

# Contract Cheating

A student **pays** or **uses** a third party to produce assessed work for them



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### Discord: Commander\_drg#5595

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#### **MY SERVICE:**

You can Hire me to help you with your **Mathematics** homework, assignments, exams, guiding you on how to tackle similar problems and/or provide solutions!

#### **QUALIFICATIONS :**

I have studied **Mathematics and Physical Sciences** and have a lot of experience tutoring during the last three years and in a school before that.

#### **SUBJECTS I SPECIALIZE IN :**

- Pre-calculus
- Calculus
- Algebra

Could **someone**  
other than the  
student have  
produced this work?

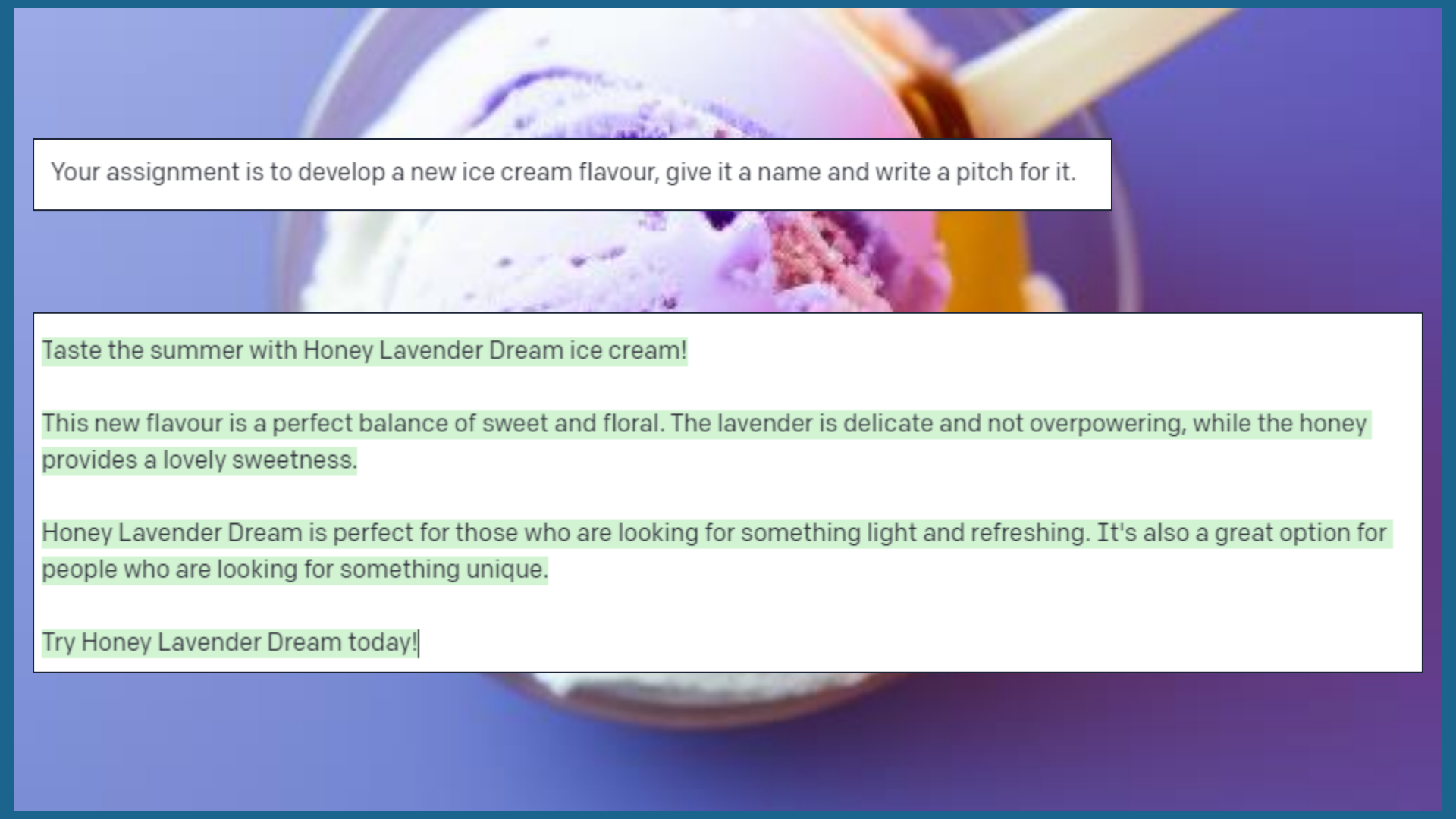


Could **something**  
other than the  
student have  
produced this work?



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Try Honey Lavender Dream today!



Looking for a delicious new ice cream flavour that will tantalize your taste buds? Look no further than strawberry cheesecake! This rich and creamy flavour is perfect for those who love the classic taste of strawberries and cheesecake. The best part is, it's made with real strawberries and cream cheese, so you know it's going to be delicious.

Still not convinced? Just imagine biting into a chunks of ripe strawberries, while savouring the smooth and creamy texture of cheesecake. It's an irresistible combination that you won't be able to get enough of.

So what are you waiting for? Give strawberry cheesecake a try today!



### New Pumpkin Spice Ice Cream!

Welcome to the wonderful world of Pumpkin Spice ice cream! This delicious new flavor is the perfect blend of pumpkin and spices, with a creamy and smooth texture. It is perfect for fall, and will leave you feeling cozy and satisfied.

Why should you buy Pumpkin Spice ice cream? First, it is an absolutely delicious treat that is perfect for the fall season. Second, it is made with high quality ingredients that are sure to please. Finally, it is a healthy alternative to other ice cream flavors on the market.

What are you waiting for? Give Pumpkin Spice ice cream a try today!

Producing these examples **did require some human intelligence**, but technology is always evolving!



# ChatGPT

## ChatGPT: Optimizing Language Models for Dialogue

We've trained a model called ChatGPT which interacts in a conversational way. The dialogue format makes it possible for ChatGPT to answer followup questions, admit its mistakes, challenge incorrect premises, and reject inappropriate requests. ChatGPT is a sibling model to InstructGPT, which is trained to follow an instruction in a prompt and provide a detailed response.



## How do I write a Haskell program to play Connect 4?



To write a Haskell program to play Connect 4, you will first need to familiarize yourself with the basics of the Haskell programming language. If you are new to Haskell, you can start by reading an introductory tutorial or book, such as "Learn You a Haskell for Great Good!" or "Programming in Haskell" by Graham Hutton.

Once you have a basic understanding of Haskell, you can start by defining the data structure for the Connect 4 game board. In Haskell, you can use a two-dimensional array to represent the game board, where each element of the array represents a single position on the board. You can then define functions to perform the various actions in the game, such as adding a piece to the board, checking for a win, and so on.

Here is an example of how you might define the game board data structure and some of the functions for a simple Connect 4 game in Haskell:



Copy code

```
-- Define the type of a game board as a two-dimensional array of integers
type Board = Array (Int,Int) Int

-- Define a function to create a new, empty game board
newBoard :: Board
newBoard = array ((1,1),(6,7)) [((r,c),0) | r <- [1..6], c <- [1..7]]

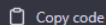
-- Define a function to add a piece to the board at a given column
addPiece :: Board -> Int -> Board
addPiece board col =
```



I need to give a PowerPoint presentation on ethical responses to educational technology. Write a Python program I can use to generate the slides.



Here is a basic Python program you can use to generate slides for your PowerPoint presentation on ethical responses to educational technology:



Copy code

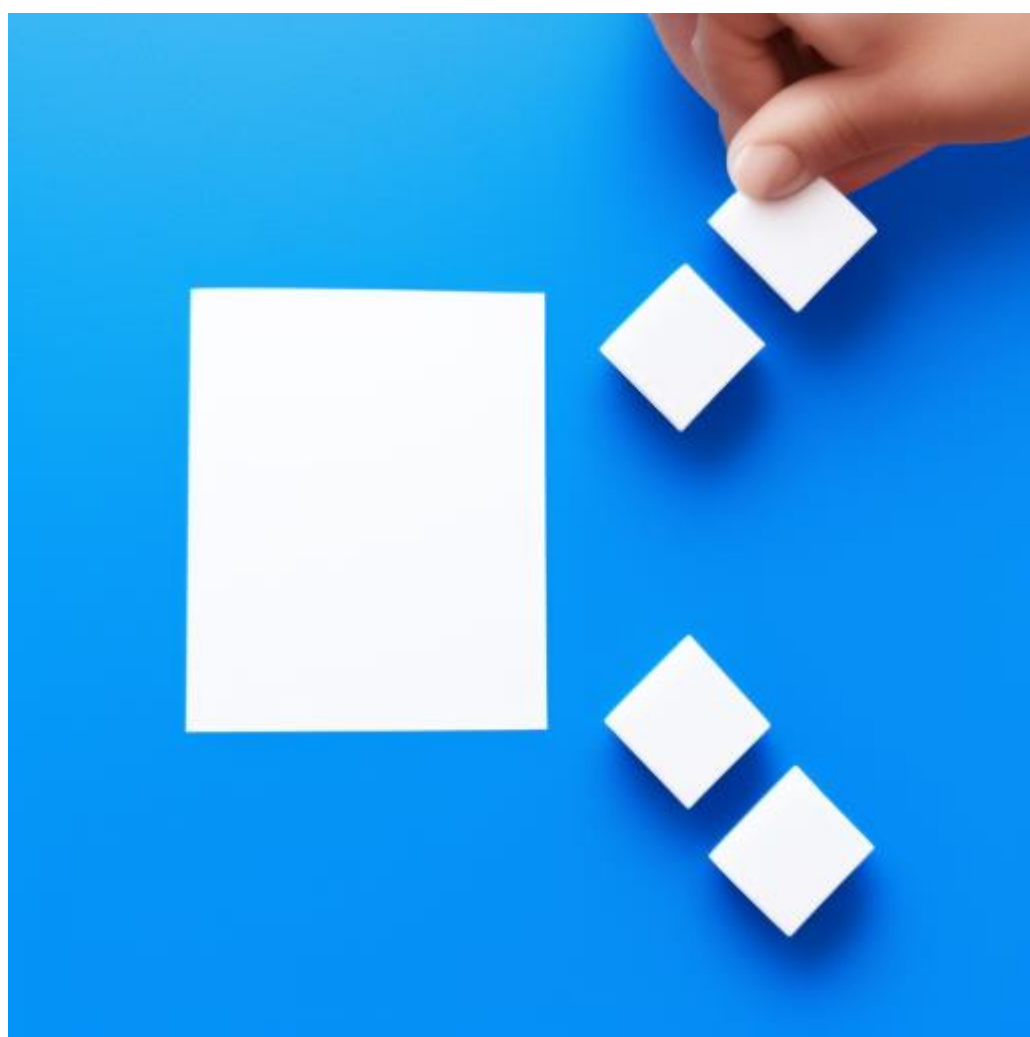
```
# Import necessary modules
import pptx
from pptx.util import Inches

# Create a new PowerPoint presentation
presentation = pptx.Presentation()

# Define some key topics to discuss in your presentation
topics = ["Introduction to educational technology",
          "Benefits of educational technology",
          "Challenges and ethical considerations",
          "Possible solutions and best practices",
          "Conclusion"]

# Iterate over the topics and create a new slide for each one
for topic in topics:
    slide = presentation.slides.add_slide(pptx.slide.TitleSlide())
    title = slide.shapes.title
    title.text = topic
```

# **Integrity based solutions**



Can we  
ensure we are  
**assessing**  
**what the**  
**students can**  
**do**, not what  
they hand in?

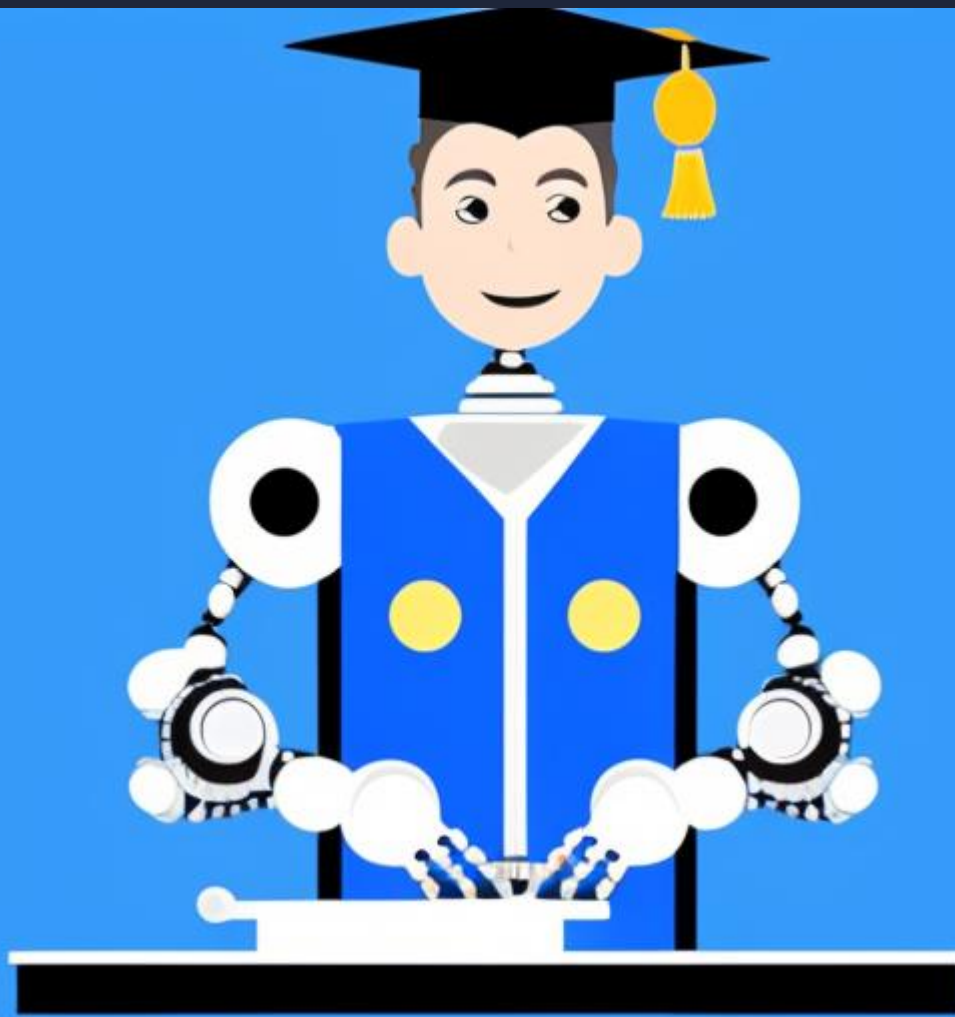




Can we  
ensure that  
students **value  
assessment**  
and feels it  
benefits their  
future?

Can we  
ensure the  
**support** that  
students need  
is always in  
place for  
them?





Can we teach  
students to  
use **new  
technology**  
and assess  
their ability to  
do so?

Can we **partner  
with students** to  
promote  
academic  
integrity to the  
whole  
educational  
community?





Connect with me for training, speaking  
and booking enquiries

Email: [thomas@thomaslancaster.co.uk](mailto:thomas@thomaslancaster.co.uk)

Website: <http://thomaslancaster.co.uk>

Blog: <http://thomaslancaster.co.uk/blog>

LinkedIn:

<https://uk.linkedin.com/in/thomaslancaster>

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