

# AI Declaration

Students are required to follow the Mathematical Institute's [Policy for students on the use of generative artificial intelligence in summatively assessed work](#). The precise use of AI tools has to be declared in the same way that existing literature or available software has to be referenced adequately and should include the model and version of the tool used (e.g., GPT-4.1). This declaration has to include how the Gen AI tool was interacted with. While it is not generally expected that you give a complete list of individual prompts used, you need to make clear, for instance, whether a piece of software was constructed through an iterative process with Gen AI by building individual blocks, or fully AI generated. Please complete the below declaration in line with the guidance provided in the policy document.

In creating this work, I have used AI tools for the following tasks:

## Literature search and ideation:

**Write your answer in the box below. Changes are saved automatically.**

## Spelling and grammar:

**Write your answer in the box below. Changes are saved automatically.**

## Improvements to writing:

**Write your answer in the box below. Changes are saved automatically.**

## Coding:

**Write your answer in the box below. Changes are saved automatically.**

**Plotting, formatting etc:**

**Write your answer in the box below. Changes are saved automatically.**

**Any other use:**

**Write your answer in the box below. Changes are saved automatically.**