AI Usage Declaration Form

# Referencing the Output of Artificial Intelligence Language Models

*Output text of an artificial intelligence language model (such as a ChatBot) for written assessment items of this unit will not be treated as your own work.*

* *If any output text is used, it must be quoted in italics, and the app or website must be referenced appropriately (AI language model Name/Chatbot Name, Developer or Organisation, date accessed).*

*• If any output ideas are used and paraphrased, the app or website must be referenced appropriately (AI language model Name/Chatbot Name, Developer or Organisation, date accessed).*

* *If the output of an artificial intelligence language model is prescribed by your Lecturer as an integral part of an assessment item, the app or website must be referenced appropriately (AI language model Name/Chatbot Name, Developer or Organisation, date accessed).*

(excerpt from Unit Information)

**Step 1:** Select the declaration statement that best describes the level of AI tool usage in this assignment.

**Table 1**. Declaration Statement

|  |  |
| --- | --- |
| Tick (✓) only 1 statement that applies | Declaration statements |
|  | **Declaration 1:**  We do not use any content generated by AI tools to be presented as our work. |
|  | **Declaration 2:**  We acknowledge the use of AI tool(s) to generate materials that aid with the process of completing this assessment (e.g. for background research or self-study). None of these materials are presented as our work. |
|  | **Declaration 3:**  We acknowledge the use of AI tool(s) to generate materials that are included in our work in modified forms. |

**Step 2:** Complete the following form if you selected either Declaration 2 or Declaration 3. You do not need to complete this section if you select Declaration 1.

**Table 2.** Details of AI Usage

|  |  |
| --- | --- |
| Reference to one or more AI tools. Example: <https://shorturl.at/8UT25> | Response: ChatGPT (GPT-5), developed by OpenAI. Accessed via <https://chat.openai.com> on multiple dates between 07–16 October 2025. |
| List all prompts you have used. | Response:  Summarise Dataset 1 and Dataset 2 analysis methods in 60 words.  Explain vigilance distribution from histogram and mean–SD results.  Write short numerical interpretation for seasonal variation between winter and spring.  Describe rat arrivals versus bat landings correlation result.  Summarise predictive modelling (ROC, AUC ≈ 0.62) outcome in 40 words. |
| Reflect on how you have used these AI tools, how they have helped with your assignment and the limitations you encountered. | Response:  ChatGPT was primarily used to refine statistical result interpretation, compose clear figure captions, and summarise relationships between key variables (risk, vigilance, and season). It improved readability, academic tone, and structural consistency in the report. However, all quantitative results were independently generated in Python using pandas, matplotlib, and statistical tests (Welch’s *t*, χ²). AI assistance did not alter numerical accuracy but helped present outcomes coherently. Limitations included occasional generic phrasing that required manual adjustment to maintain alignment with dataset-specific results and CDU academic standards. |
| Do you maintain an accessible AI prompt history that is verifiable by your lecturer if requested? | Yes / No  Yes |

**Step 3:** Answer the following question only if you selected Declaration 3. You do not need to complete this section if you select Declaration 1 or Declaration 2.

How have you modified the generative AI’s output? You may include as many details as possible, including screenshots.

AI-generated explanations were cross checked by each group member condensed, and verified against actual Python outputs for Dataset 1 and 2. Statistical values, effect directions, and ecological implications were verified and rewritten in technical language. The final report integrates AI-supported phrasing only where it enhances clarity and aligns with empirically validated findings.

**Student Signatures**

|  |  |  |
| --- | --- | --- |
| **Name** | **Student No.** | **Signature** |
| 1. Ashish  Shrestha \*\*\* | S388084 | 1. Ashish  Shrestha |
| 2. Sudip Lamichhane | S388085 | 2. Sudip Lamichhane |
| 3. Anurag Regmi | S388095 | 3. Anurag Regmi |
| 4. Suraj Raut | S391201 | 4. Suraj Raut |

Date:\_\_\_\_\_\_\_\_\_\_\_16/10/2025\_\_\_\_\_\_\_\_\_\_\_\_\_\_

The contents of this AI Usage Declaration form have been adapted from:

* University of Birmingham (2025), *Acknowledging and Citing the Use of Generative AI by Student*, accessed on 4 Mar 2025. Link: <https://www.birmingham.ac.uk/libraries/education-excellence/gai/acknowledging-gai-by-students>
* University of Cambridge (2025), *Template Declaration of the Use of Generative Artificial Intelligence*, accessed on 4 Mar 2025. Link: <https://www.cshss.cam.ac.uk/education/generative-artificial-intelligence-ai-and-scholarship/template-declaration-use-generative>