

Student AI Usage Survey Form

Post-Assignment Survey: Impact of AI Tools on Learning and Ethical Awareness in Higher Education

Form Introduction

Dear Student,

This survey is part of a research study titled "**Impact of Generative AI Tools on Learning Behavior, Performance, and Ethical Awareness in Higher Education.**"

The purpose is to understand how completing the **Infosys TechA Deep Learning and Neural Network Certification** and the **AI-assisted CNN project** has influenced your learning, confidence, and awareness of responsible AI usage.

Your responses will remain **anonymous** and will be used purely for academic research. Please answer all questions honestly.

1. **Have you completed the TechA Deep Learning and Neural Network Certification on Infosys Springboard? (Multiple choice)**
 - Yes
 - No
 - In progress
-

Section 2: AI Usage During the Assignment

6. **Which AI tools did you use during your CNN project? (Checkboxes)**
 - ChatGPT
 - Bard / Gemini
 - GitHub Copilot
 - Claude
 - None
 - Other (please specify)
 7. **How often did you use AI tools while working on your CNN project? (Multiple choice)**
 - Daily
 - 2–3 times a week
 - Once a week
 - Rarely
 - Never
 8. **For what purpose did you mainly use AI tools in this assignment? (Checkboxes)**
 - Understanding concepts
 - Code generation or debugging
 - Data preprocessing or visualization help
 - Writing reports or explanations
 - Getting feedback or corrections
 - Other (please specify)
-

■ Section 3: Learning Impact

9. After using AI tools and completing this assignment, how has your understanding of Deep Learning changed? (*Multiple choice*)
- Improved significantly
 - Improved somewhat
 - No change
 - Decreased
10. How confident are you now in building and evaluating a CNN model independently? (*Linear scale: 1–5*)
(1 = Not confident at all, 5 = Very confident)
11. Which of the following skills do you think AI tools helped you improve the most? (*Checkboxes*)
- Coding and debugging
 - Data handling and visualization
 - Concept understanding
 - Report writing and documentation
 - None
12. Did the integration of AI tools make learning more engaging for you? (*Multiple choice*)
- Strongly agree
 - Agree
 - Neutral
 - Disagree
 - Strongly disagree
13. Did AI assistance help you perform better in the assignment (compared to manual work)? (*Multiple choice*)
- Yes, significantly better
 - Slightly better
 - No difference
 - Manual work was better

❖ Section 4: Ethical Awareness and Perceptions

14. Do you believe using AI tools without acknowledgment constitutes academic misconduct? (*Multiple choice*)
- Yes
 - No
 - Not sure
15. How aware are you of your institution's academic integrity policies regarding AI tool usage? (*Multiple choice*)
- Fully aware
 - Somewhat aware
 - Not aware
16. Did this assignment increase your awareness of responsible and ethical AI usage? (*Multiple choice*)

- Yes, significantly
- Somewhat
- No change

17. Which of the following concerns do you have about AI tools in education?

(Checkboxes)

- Over-reliance on AI
- Accuracy or bias in AI responses
- Academic dishonesty / plagiarism
- Data privacy
- Reduced creativity or effort
- None

 **Section 5: Reflection and Feedback**

18. In one sentence, describe how AI tools have changed your learning approach after this assignment. *(Paragraph)*

19. Would you recommend integrating AI tools into other subjects or courses? Why or why not? *(Paragraph)*

20. Rate your overall learning experience in this AI-integrated assignment. *(Linear scale: 1–5)*

(1 = Poor, 5 = Excellent)

 **Optional Extension (for Novelty Measurement):**

21. Compare your learning experience with previous (non-AI) assignments. *(Multiple choice)*

- Much better
- Slightly better
- About the same
- Worse

22. Would you like formal workshops or training on responsible AI use in academics?

(Multiple choice)

- Yes
- No
- Maybe

DRIVE LINK FOR Assignment Presentation