

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
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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)
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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
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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