Date: 30.8.2023
Case number: [1]
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Context: (Underline the information below)

Faculty: ARTS   BSS   NAT   TECH   HEALTH   ALL/ OTHER

Timing: Before   During   After

Complexity: Foundation   Intermediate   Advanced   Highly specialised

Time estimate: (min, h, sequential): Approximately 2 class sessions (2-3 hours each).

Situational pedagogic/context (Mark the information below)

Self-study	Lectures	Laboratory	Practical	Classroom
Study group	Demonstration	Experimental	Assessment	Feedback

Title:

Ethical Considerations Debate in Classroom Teaching

Short description / Objective:

Organize a class debate on the ethical implications of AI in Natural Language Processing (NLP), where students discuss topics like bias in language models, privacy concerns, and responsible AI development.

Description, Plan and Preparation:

Topic Selection: Choose a specific ethical issue related to AI, such as bias in AI algorithms, privacy concerns, or the impact of AI on employment.
Preparation for Students: Assign pre-reading materials, articles, and case studies that present different viewpoints on the chosen ethical issue.
Debate Format: Divide the class into two or more teams, each representing a distinct perspective on the ethical issue. Provide guidelines for team roles (e.g., opening statement, rebuttal, closing statement).
Research and Argument Development: In the first session, allow students time to research, collaborate, and develop their arguments based on the assigned readings and additional research.
Debate Preparation Tools: Offer access to AI tools that can help students analyse articles, detect bias in sources, and identify key arguments for their positions.

Curriculum and Course Placement:

This debate takes place midway through a semester-long course on AI and Ethics, after students have gained foundational knowledge of artificial intelligence and its applications.

Important Instructions/Information to Students:

Explain the purpose of the debate: to critically examine various ethical perspectives on AI/NPL issues, practice argumentation skills, and develop a deeper understanding of the complexities involved.
Emphasize respectful and constructive discourse, even when discussing opposing viewpoints. A research-based approach to the argumentation.

Learning Outcome:

Students will be able to:
Identify and understand the ethical considerations related to AI.
Develop persuasive arguments based on evidence and ethical reasoning.
Engage in respectful and informed debates on complex ethical topics.

Teacher Considerations:
The information, starting materials, papers, and links to support the debate and student is very important. Thus, there will be a fine balancing of providing this material, setting a standard and support the student work without taking control. Provide a table with tasks to do, timeframe and deliverables. Facilitate the debate as a neutral moderator, intervening only to ensure respectful and equitable participation. Encourage students to cite reliable sources and ethical frameworks to support their arguments. Create a safe and inclusive environment that encourages open discussion.
Subject-Specific Key Concepts:
Ethical frameworks (utilitarianism, deontology, virtue ethics) and how they apply to AI. Bias, fairness, and accountability in AI algorithms. Privacy implications of AI technologies. Social and economic impact of AI on employment and society.
Notes:
The Ethical Considerations Debate can serve as a pivotal learning activity within the AI and Ethics course, allowing students to engage deeply with the ethical dimensions of AI technologies. By incorporating AI tools for argumentation and research, students gain a broader perspective and strengthen their critical thinking and communication skills.