

ENGLISH CODE ARTIFICIAL INTELLIGENCE

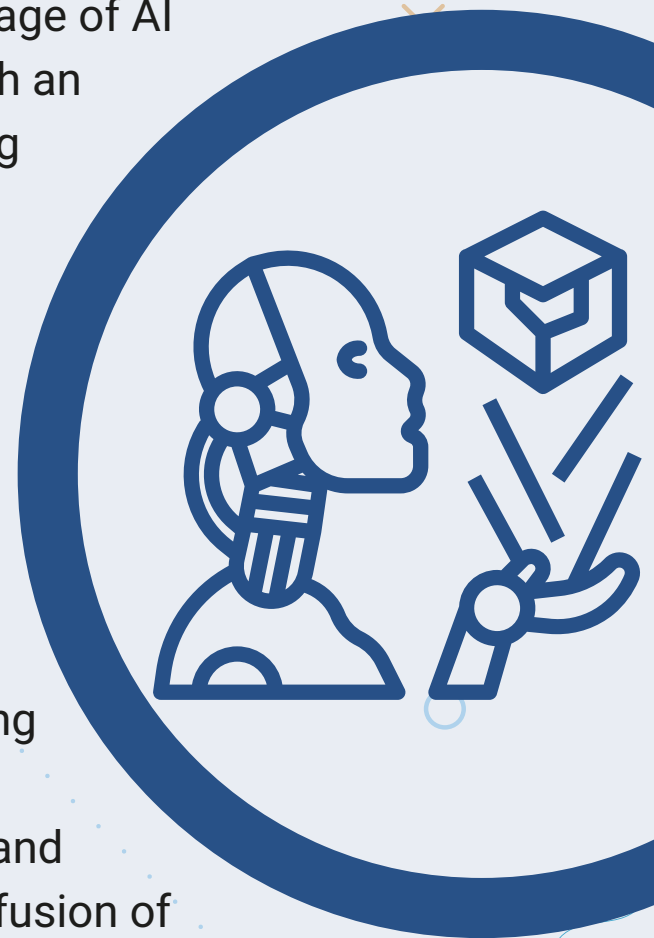
INNOVATOR - Module 1

Unit 2



Contextualization of my learning

Throughout this course, you will immerse yourself in the intricate language of AI while honing your reading, and writing skills. The exploration begins with an in-depth analysis of ethical considerations in AI development, unraveling various frameworks, and evaluating their efficacy in addressing ethical concerns. You will gain a solid foundation in expressing and comprehending these crucial concepts in technical English. Learners will navigate ethical landscapes by examining diverse frameworks in AI development, explore computer vision terminology encompassing object detection and convolutional neural networks, and delve into reinforcement learning concepts with a focus on policy optimization, and practical applications. Also, students will engage with case studies in gaming, robotics, and decision-making, and stay current with emerging trends like augmented reality, edge computing, and explainable AI in computer vision. This course culminates in discussions on challenges and solutions in reinforcement learning projects, offering a comprehensive fusion of language proficiency, and AI knowledge.



General objective

UNIT 2

- Develop a comprehensive understanding of fundamental AI concepts, ethical considerations, and global perspectives with a focus on terminology related to emerging trends such as augmented reality and edge computing.
- Enhance reading and writing skills within the context of AI, fostering critical thinking and global awareness, with a specific emphasis on terminology associated with emerging technologies like augmented reality and edge computing.
- Gain proficiency in AI-related vocabulary, be able to apply suffixes in the context of AI terminology, and analyze visual representations related to AI, especially as they pertain to emerging trends like augmented reality and edge computing.

SKILLS TO DEVELOP

- Vocabulary.
- Reading.
- Writing.
- Discussion and Collaboration.

Vocabulary: acquire an extensive vocabulary specific to artificial intelligence, emphasizing terms related to emerging trends such as augmented reality and edge computing. Demonstrate proficiency in using and understanding specialized vocabulary within the context of AI and its cutting-edge applications.

Reading: enhance reading skills by interpreting and comprehending texts that delve into the terminology and concepts surrounding emerging trends like augmented reality and edge computing in the field of artificial intelligence.

- Apply critical reading strategies to extract relevant information from diverse sources, including articles, research papers, and case studies focused on these technological advancements.

Writing: improve writing skills by articulating ideas and concepts related to AI, particularly those associated with augmented reality and edge computing, in a clear and concise manner.

Practice writing tasks that involve the use of specialized vocabulary, allowing students to communicate effectively about the specific terminology and trends within the realm of artificial intelligence.

UNIT 2: Terminology around emerging trends like augmented reality, edge computing

Execution time: 4 hours.

APPROACH OF THE SESSION

- 1) Socialize the technology idiom of the day.
- 2) Show some images about AR and VR and discuss them.
- 3) Watch the video "Understanding Virtual Reality and Augmented Reality."
- 4) True/false questions game about the previous video.
- 5) Before the reading activity, explain what the skimming strategy is.
- 6) Socialize some keywords of the reading below "Augmented Reality Art Takes Over the Roofs of a British City."
- 7) Reading "Augmented Reality Art Takes Over the Roofs of a British City."
- 8) Matching vocabulary activity about the previous reading.
- 9) Discussion questions about the future of Augmented Reality.
- 10) Watch the video "The future of Augmented Reality in 2030."
- 11) Multiple-choice questions game based on the previous video.

MATERIALS

- Images of AR and VR.
- Video "Understanding Virtual Reality and Augmented Reality."
<https://www.youtube.com/watch?v=h3rKvsFTfPA>
- Reading: "Augmented Reality Art Takes Over the Roofs of a British City."
- Video "The future of Augmented Reality in 2030."
<https://www.youtube.com/watch?v=D8V2nxewHml>
- Wordsearch.
<https://wordwall.net/es/resource/67280218>

UNIT 2: Terminology around emerging trends like augmented reality, edge computing

Execution time: 4 hours.

APPROACH OF THE SESSION

- 12) Wordsearch about vocabulary related to edge computing.
- 13) Reading "What is edge computing? Everything you need to know."
- 14) Open-ended questions about the previous reading (you can use the padlet website.)

MATERIALS

- Reading "What is edge computing?"



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