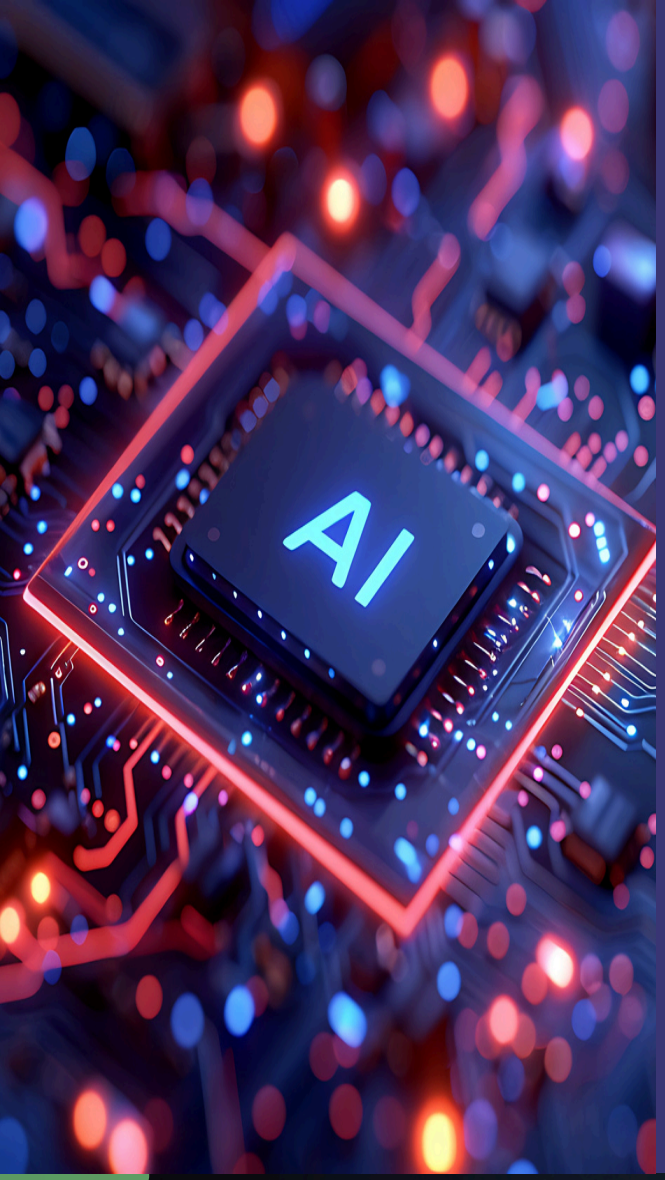

- Real-World Projects
- Wholesome curriculum
- Learn from Industry Leaders
- Holistic Learning
- Expert Instructors

Code to Excel!!!

Right Angle

AI+ Block Based Programming Intermediate Level

Curriculum Overview

AI Fundamentals:
- Gaining a comprehensive overview of Artificial Intelligence, its significance, and its impact on various industries.

Programming Basics:
- Learning to use block-based programming tools such as Scratch and Blockly to create interactive programs.

Algorithm Understanding:
- Exploring what algorithms are, how they work, and their applications in solving complex problems.

Programming Structures:
- Understanding the importance and application of sequencing, loops, conditional statements (if-else), and event-driven programming in developing programs.

Data Handling:
- Utilizing variables effectively for data storage, manipulation, and representation in block-based programming.

AI Applications:
- Applying AI concepts in creating simple games, controlling robots, generating art and music, and other everyday scenarios.

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Specialized Topics:
- Exploring how AI is used in various fields such as environmental science for solving ecological problems, space exploration for mission support, health for improving wellness, language learning for personalized education, and personal assistants for everyday convenience.

Machine Learning Basics:
- Getting introduced to basic machine learning concepts and learn how to implement them using block programming techniques.

Advanced AI:
- Developing skills in creating projects involving image and voice recognition, weather prediction, traffic management, and wildlife conservation.

Ethical Considerations:
- Discussing and understand the ethical issues and responsibilities involved in AI development and deployment, including bias, privacy, and the social impact of AI.

BENEFITS

- **Foundational AI Skills:** Understanding core AI principles and their practical applications.
- **Proficiency in Block Programming:** Mastering block-based programming tools for diverse AI projects.
- **Algorithmic Thinking:** Developing problem-solving skills through algorithmic approaches.
- **Project-Based Learning:** Creating interactive projects in gaming, art, music, and more using AI.
- **Real-World Applications:** Applying AI knowledge to address real-life challenges across different domains.
- **Final Projects:** Planning, designing, implementing, and showcasing final AI projects with guidance from instructors.

CONTACT US!

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