Real-World Projects

Wholesome curriculum

Learn from Industry Leaders

Holistic Learning

Expert Instructors

Code to Excel!!!

Right Angle

AI+ Block-Based Programming Beginner Level

Curriculum Overview

Introduction to AI:
- Introduction to using variables in Scratch for data representation and manipulation.

Machine Learning Fundamentals:
- Understanding the basics of machine learning, including supervised and unsupervised learning.

Data Representation:
- Introduction to using variables in Scratch for data representation and manipulation.

Pattern Recognition and Loops:
- Implementing pattern recognition using loops in Scratch, fostering creative problem-solving skills.

Sketch Recognition:
- Introduction to AI algorithms for sketch recognition and building a sketch recognition model.

Real-Life AI Applications:
- Exploration of AI applications across various industries through case studies.

Music Creation with ML:
- Utilizing machine learning to create music and developing a music generation algorithm.

Pose Recognition for Animation:
- Creating live animations through pose recognition.

Interactive Videos with AI:
- Enhancing videos using AI-powered handwriting recognition.

AI Ethics and Bias:
- Understanding ethical considerations and strategies to address biases in AI algorithms.

Number Recognition:
- Implementing number recognition systems for practical applications.

Social Impact of AI:
- Discussing AI's social impact, ethical considerations, and AI projects for social good.

Supervised Learning:
- Understanding principles of supervised learning.

BENEFITS

◆ **Data Manipulation Skills:** Proficiency in representing and manipulating data in Scratch.

◆ **Algorithm Development:** Building and implementing sketch recognition models and music generation algorithms.

◆ **Project Implementation:** Developing and showcasing AI projects like sketch recognition, number recognition, and sound recognition systems.

◆ **Ethical Understanding:** Awareness of ethical implications and strategies to mitigate biases in AI development.

◆ **Real-World Applications:** Gaining exposure to real-life AI applications and understanding their impacts.

◆ **Final Projects:** Planning, designing, implementing, and showcasing final AI projects with guidance from instructors.

CONTACT US!

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