



# **Summer Tech Course on AI: A Seven-Day Workshop for Beginners**



# Agenda

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**Part 1 - About CodroidHub**



**Part 2 - About Workshop**

**Part 3 - Sample Certificate**

**Part 4 - Instructor**

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# About CodroidHub

Unlock Your Potential with CordoidHub: Educational Solutions Tailored to You



We are a leading provider of IT services for educational organizations across the country. Our team of highly trained professionals is dedicated to helping schools and universities leverage technology to improve their operations and optimize the learning experience for students in their upskilling journey.

In alignment with the NEP 2020 **our mission** is to provide access to quality education as a basic right of every child

Inspired by the **vision** of empowering Self-Reliant India, CodroidHub **aims to** nurture and enhance creativity, problem solving and innovation skills among young budding minds, entrepreneurs and professionals through our various flagship programs and custom-made courses.

We were **founded** in India in 2019 and maintain office at Patna, Noida and Ambala





# Our Services

Unlock Your Potential with CordoidHub: Educational Solutions Tailored to You

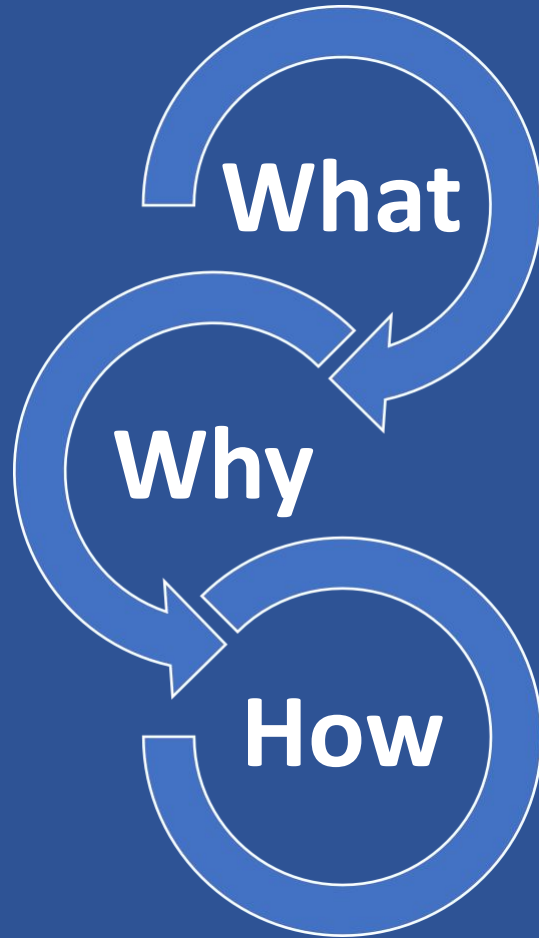


- Training programs, workshops and custom-made courses in Emerging Technologies, Design Thinking, Innovation and Entrepreneurship
- Structured Incubation and Accelerator programs for Startups
- Due Diligence (Validation) for Startups, Mentoring and Hand holding, Go-to-Market Strategy, IPR support and Funding Support
- Setting up an Incubation Centre, ATAL Tinkering Lab, ATAL Incubation Centre, Innovation or E-cell, Design Innovation Centre.
- Support the institute in participating and mentoring students for various Technical, Innovation and Entrepreneurship related competitions
- Internship Opportunities and Skill Development programs for students



# Artificial Intelligence: Workshop for Beginners

# Executive Summary



- AI stands for artificial intelligence, which is the simulation of human intelligence processes by machines. This includes tasks such as learning, reasoning, and self-correction.

- AI is one of the fastest-growing fields, with a high demand for skilled professionals who can develop, implement, and maintain AI solutions.
- AI is particularly well-suited to solving complex problems that would be difficult or impossible for humans to solve on their own.

- Engaging, hands-on, multi-stage learning sessions delivered by CodroidHub-certified trainers.

# Introduction

Artificial intelligence, or AI, refers to the emulation of human intellect by robots. This involves activities like self-correction, inference, and learning.

The development of algorithms and statistical models that allow machines to learn from data and make predictions or judgements without being explicitly programmed is the field of machine learning (ML), a subset of artificial intelligence. Large datasets may be used to train ML algorithms, which then use that information to find patterns and forecast the future.

In general, AI and ML are technologies that give robots the ability to do things like recognise pictures, analyse natural language, and make judgements that would typically need human intellect. Self-driving cars, voice assistants, and even medical applications are all using these technologies.





# Agenda



**Day 1: Introduction to AI/ML**

**Day 2: Introduction No-code Approach**

**Day 3: Chatbot using No-code Approach**

**Day 4: Face Detection using No-code Approach**

**Day 5: Introduction to Coding Approach (Python)**

**Day 6: Chatbot using Python**

**Day 7: Face Detection using Python**





# Learning Outcomes



Participants will gain knowledge of Artificial Intelligence and Machine Learning

Participants will be familiar with no-code approach used in AI/ML

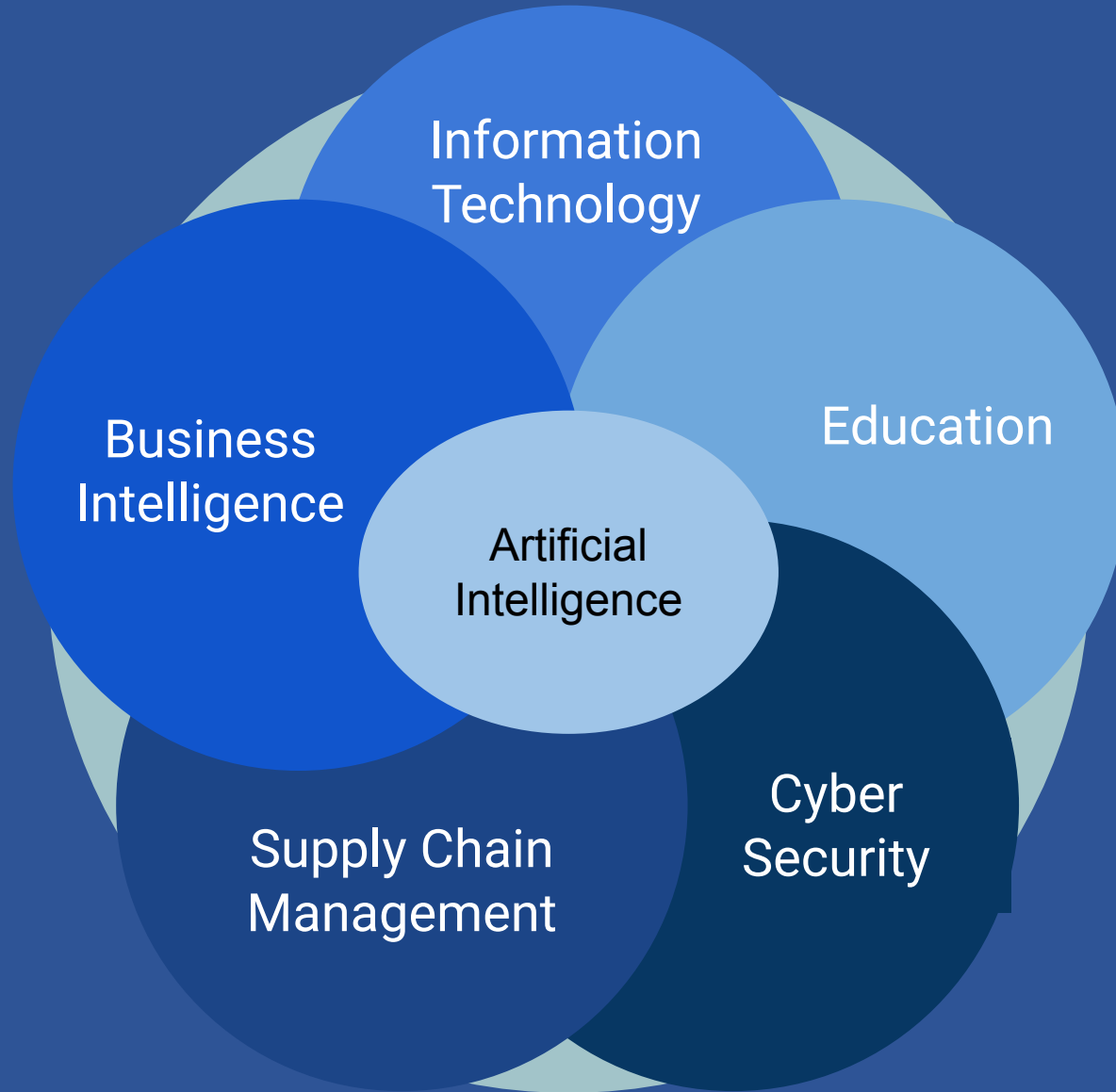
Participants will be able to make Machine Learning Models

Participants will gain knowledge about Python Programming Language

Participants will be able to make efficient Python code for Face Detection

Participants will be able to implement all the real time

# Opportunities



# Sample Certificate

CodroidHub.com

## CERTIFICATE OF COMPLETION

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has completed the **Program Name** conducted by CodroidHub Private Limited, India from MM/DD/YYYY to MM/DD/YYYY

\_\_\_\_\_  
Director,  
CodroidHub Private Limited



\_\_\_\_\_  
Date



**For any queries**

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