



AI Builders

AGES 11-13

Write real code. Build real AI.
Go from your first line of Python to your own machine-learning projects!

16 weeks • 2 classes a week • 1.5 hours each • Online & in Raipur

What you'll become

AI Builders is where you go from coding with blocks to writing **real Python** — the same language professional programmers and AI engineers use. You'll build games and tools, then train your own **artificial intelligence**: models that can see, understand language, and find patterns in data. By the end, you'll have built and presented your very own AI project.

Code in Python

Write real code, the way professionals do

Train Real AI

Build models that see, chat & spot patterns

Think Smart

Learn how AI works — and how to use it wisely

Your 16-week journey

Brand new to coding or already done Curious Coders? Either way, we start with a friendly bridge so everyone thrives. Here's the adventure:

Wk 1

Python Launchpad

Make the jump from blocks to real text code — your first Python programs!

Wk 2

Talking to the Computer

Variables, data, and strings — build programs that chat with the user.

Wk 3

Decisions

Teach your programs to make choices, and start a branching text adventure.

Wk 4

Loops

Master repetition and build a number-guessing game that talks back.

Wk 5

Lists & Collections

Store lots of data at once and build a quiz game with a score.

Wk 6

Functions

Write your own reusable commands — code like a real programmer.

Wk 7

Project Sprint 1

Build your own game or tool, then show it off to the class!

Wk 8

Working with Data

Explore real data and make charts to discover hidden patterns.

Wk 9

What is Machine Learning?

Discover how computers LEARN, then train your first model.

Wk
10

Teaching Machines to See

Build an AI that recognises images using your own examples.

**Wk
11**

Language & Chatbots

Build a chatbot with its own personality that you can talk to.

**Wk
12**

AI Project Sprint 2

Design and build your own AI mini-project, then present it.

**Wk
13**

Smarter Models

Learn what makes AI accurate or unfair — and make a model smarter.

**Wk
14**

AI Ethics & the Real World

Explore how to build and use AI responsibly, then plan your big project.

**Wk
15**

Capstone Build

Build your big final AI project with guidance from your mentor.

**Wk
16**

Capstone & Showcase

Polish, present to everyone, and get your AI Builders certificate!

At the end, you'll get your AI Builders Certificate!

And you'll be ready for the next adventure: Young Innovators (ages 14–16)

Perfect whether you're brand new to coding or ready to level up. All you need is curiosity!