



## What This Journey Builds — Beyond Technology

This program is thoughtfully designed to help children grow not only as **future technologists**, but as **confident, creative, ethical, and resilient individuals** in every area of life.

- Through AI learning, children gradually develop:
- 🌱 **Creative Thinking** — imagining, designing, and expressing ideas
- 🧠 **Logical Reasoning** — breaking problems into steps and solutions
- 🗣️ **Communication Confidence** — explaining ideas clearly and proudly
- 🤝 **Collaboration Skills** — working respectfully with others
- 🌍 **Ethical Awareness** — using technology with kindness and responsibility
- 🚀 **Future Readiness** — skills that support academics, careers, and life decisions

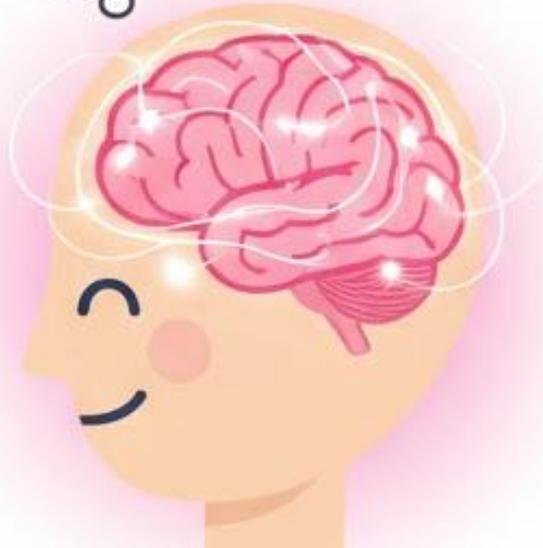
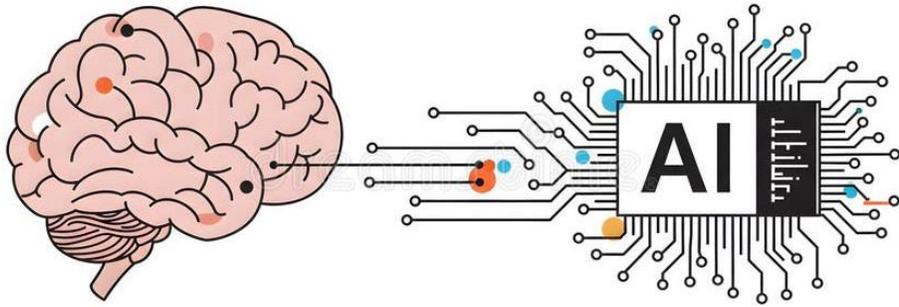


**AI is not the goal**  
**Human growth, character, and confidence are the goal.**



# Welcome to AI Superheroes! 🦸 🤖

- AI is already part of your life — today you learn how it works. AI = teaching computers to think
- You will become an AI Superhero today
- Explore coding, robots, ML, creativity



LEARNS  
CONNECTIONS



# Human Brain

# AI Brain

## How We Learn

The Human Brain section features a pink brain character with a magnifying glass, a boy reading a book, and various learning-related icons. The background is a warm orange with starburst patterns.

**Study** (with a book icon)

**Experience** (with a bicycle and lightbulb icon)

**Learn & Remember** (with a boy reading a book icon)

**Learns like a detective!** (with a question mark and lightbulb icon)

The AI Brain section features a blue robot character with a brain inside its head, surrounded by data storage icons, gears, and a rocket. The background is a cool blue with starburst patterns.

**Data** (with data storage icons)

**Training** (with gears and a rocket icon)

**1+0** (with a math icon)

**Learns like a robot!** (with a puzzle piece icon)

Feels & Thinks

Processes & Calculates

# Human Brain Logic

Solves Mysteries & Makes Choices



Finds what's true

Finds what's true

# AI Computer Logic

Follows Instructions & Builds Logic



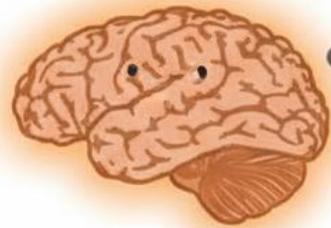
Builds what's right

Builds what's right





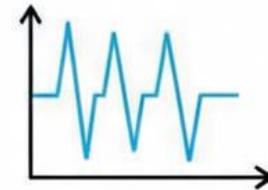
Listen



Human Brain



Thinking Waves



Thinking Waves

Train



AI Brain

Compare!



Robot Thinking Waves

Again & Change!

Again 1<sup>st</sup> Modify



Behavioral test

# AI Learns Like a Kid (Practice Makes Smart)



“Look at this picture! When you **learn** something now, you practice again and again, many times. As people make mistakes that you get a first. A learns the same way – by practicing through many examples: That’s why **humans** are the teachers and computers are the learners!”



# AI: Your Learning & Creativity Superpower

DISCOVER NEW IDEAS



BRING IMAGINATION TO LIFE



**LEARN. CREATIVE CO-PILOT**

LEARN. CREATE. EXPLORE. The Future is Fun with AI!

# Coding: Your Superpower ⚡



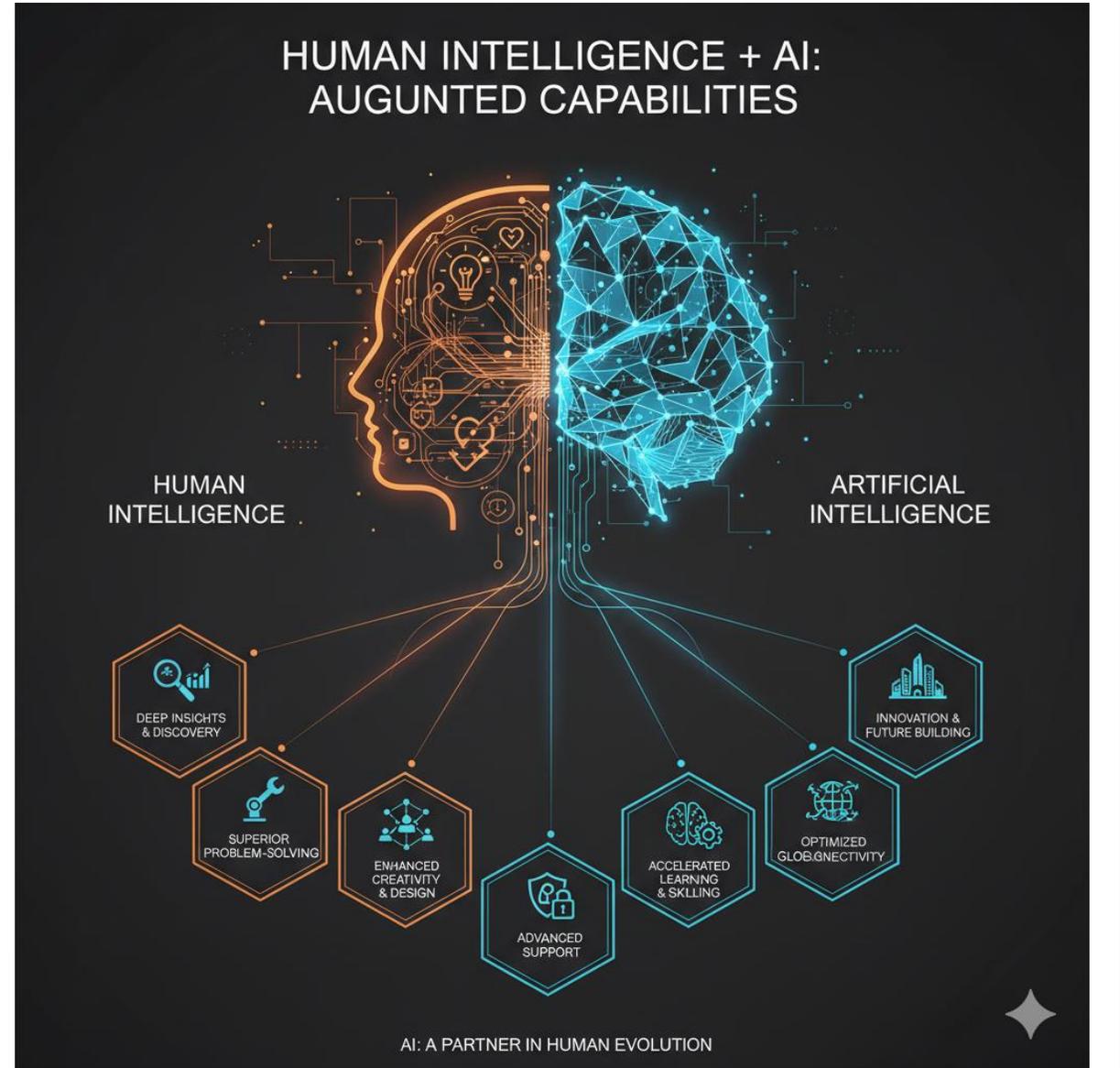
Python = AI's favorite language

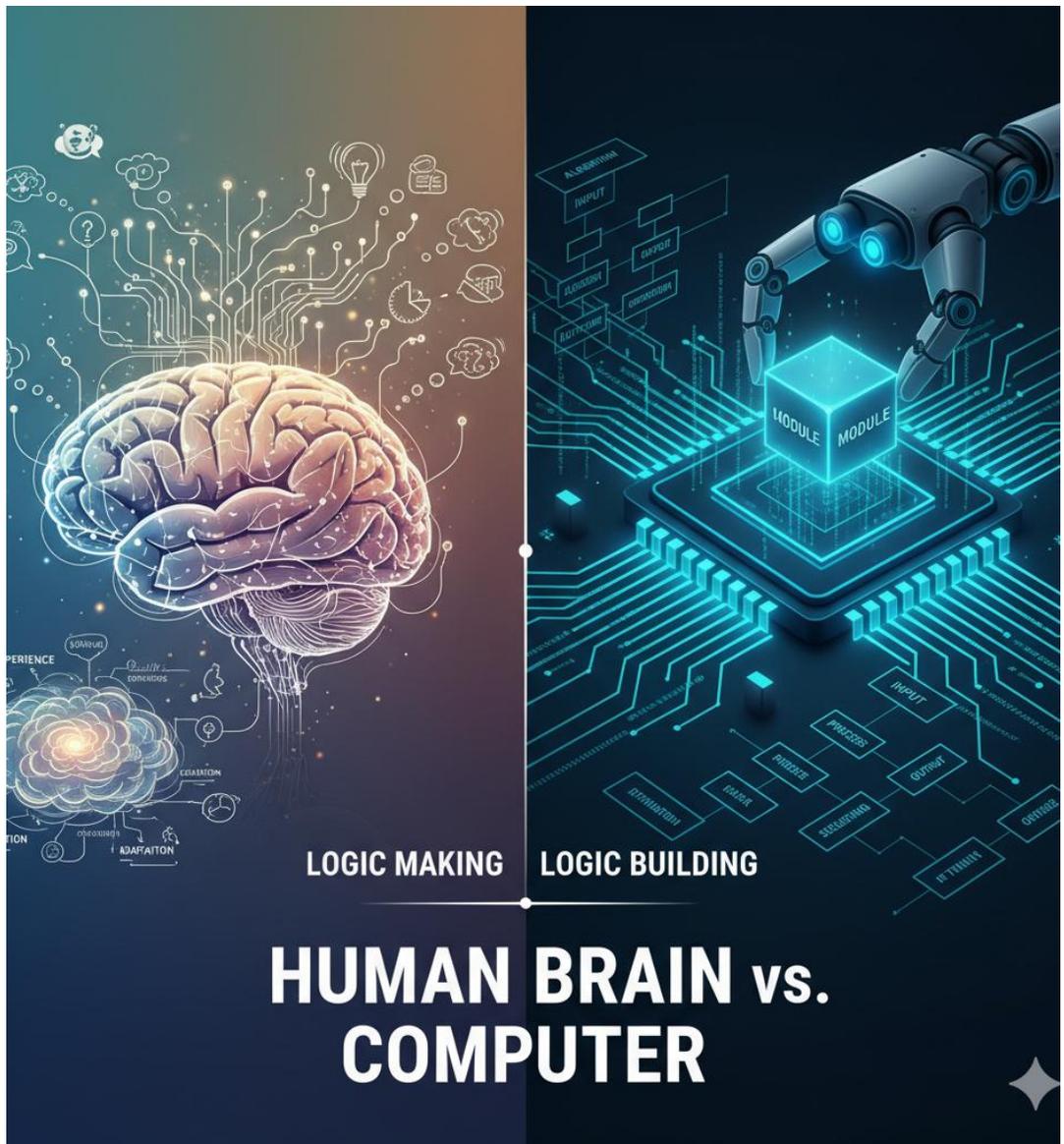


Coding lets you talk to computers



Scratch blocks → Python code





## CODING: Building with Logic!

**YOUR BRAIN:**

Logic In!

1. THINK (Problem)
2. PLAN (Steps)
3. DECIDE (Order)

**COMPUTER'S ACTION**

Computer Does!

LOGIC + INSTRUCTIONS = CODING!

# AI as Creative Helper, Not Replacement

CREATIVE HUMAN



AI ASSISTANT



**AI: Your CREATIVE CO-PILOT**  
Enhancing Artistry, Not Replacing Vision

# AI for Creativity 🎨 🎵

Advanced Generative  
AI Technologies



Idea  
Power-Up!

Customized Creative  
Assistance



Solving Creative  
Challenges



Solve  
& Create!



# How Machines Can Help Us

AI Superheroes



# Data: AI's Food



Data = pictures,  
numbers, words

AI learns from  
patterns

Clean data =  
healthy AI



# Charts: AI's Vision Goggles

Charts help humans & AI see patterns

Graphing with Python is easy



# Machine Learning: How AI Learns 🧠

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Training vs  
Testing

Features =  
clues, Labels =  
answers

Types:  
classification  
& clustering



# No-Code AI Tools

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TEACHABLE  
MACHINE

SCRATCH ML  
EXTENSIONS

VOICE, POSE,  
IMAGE  
TRAINING



# Build AI Apps



Chatbots

Mini apps:  
Bubble, Glide

AI-powered  
websites

## BUILD AI APPS

### How AI Learns



**GIRL POWER, POWERED BY AI! ✨**

# Robots + AI

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Robots use  
sensors

Smart door,  
light sensors

Robot cars



# AI for Creativity



AI drawing

AI music

AI animation  
& games

