🧠 ThinkPythonAI — Python & Project Portfolio Pathway

• Why Python & AI are essential for students today

• Learn coding through real projects, not theory

• Build GitHub portfolios colleges value

Instructor: Ankit (20+ years of experience)

Option: 1 or 2 live classes/week · 1 hour each · Live on Zoom

📘 The 2-Year Learning Journey

Phase 1: Core Python + GitHub (Months 1–6)
→ Learn syntax, loops, and build first games.

Phase 2: Applied Python & Automation (Months 7–12)
→ Create dashboards, scrapers, and automation tools.

Phase 3: Data Science & Light AI (Months 13–18)
→ Analyze data, visualize trends, explore ML models.

Phase 4: Research & Portfolio Publishing (Months 19–24)
→ Write research-style projects, publish portfolio online.

💻 Live Coding Moment — Let's Build Together!

```python
import random

print('🎯 Welcome to the Magic Number Game!')
number = random.randint(1, 10)

for _ in range(3):
    guess = int(input('Guess a number between 1 and 10: '))
    if guess == number:
        print('🎉 You got it!')
        break
    else:
        print('Try again!')

print(f'The magic number was {number}')
```

In this short demo, students experience:
• Writing their first logic game 🎯
• Understanding loops & conditions
• Instant feedback when they run the code!

This is just Phase 1 — later they automate data & build dashboards!

🎓 Student Outcomes & Next Steps

✅ 6–8 GitHub projects completed
✅ 1 personal portfolio website or paper – optional we discuss this in year2
✅ Confidence for AP CS & college admissions
✅ Real-world understanding of Python, Data & AI

📅 Book a Demo: calendly.com/thinkpythonai
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🎓 Alternative Path – Option 2

Phase 1: Python Foundations
└── Number Guessing Game
└── Expense Tracker
└── Flashcard Quiz App

Phase 2: Applied AI & Data Science
└── Student Grade Predictor (Linear Regression)
└── Mood Analyzer (Sentiment Analysis)
└── Clustering School Subjects

Phase 3: Research & Publishing
└── NLP on School News
└── Ethics & Bias Report

Phase 4: Portfolio & Outreach
└── GitHub Profile Setup
└── Blog Publishing (Medium / GitHub Pages)