Intro to Python

Ashutosh Singh

About the Course   : Instructor

Ashutosh Singh

- Doing AI since 2012
- Taught students with Udacity
- Have experience from building simple apps to very large scale applications
- @t0mkaka

About the course : Approach

- Very much Practical with Just enough theory
- Start coding / implementing. Understand later.
- Identify what things DO, not what they are.

About the Course: Practice

3 Ways to practice

- Remember
- Do
- Explain

About the Course: Practice

3 Ways to practice

- Remember - Review Every day
- Do - Code and build
- Explain - Write and Write and Write

About the Couse : Tools

- Notebook
  - Jupyter
  - Colab
  - Kaggle
- This is experimentation. No fixed steps. Best way
- do things very interactively and iteratively
- Colab: https://colab.research.google.com/

About the Course: Expectations

- Understand the scope of AI field.
- Know how to solve problems in AI.
- Have a framework to learn anything in life.
- Know what to learn next
- Have something to show on the Resume

Class 1 - Introduction to Python

At the end of class you will know :

- Environment setup to go through the classes.
- What is AI / ML / DL / LLM or any other 2-3 letter word.
- What is python/ how to learn python.
- What to do today at home.

AI or ML or DL or LLM or what ?

- AI
  - ML
    - DL
      - LLM

AI in the world

- https://www.kaggle.com/competitions
- https://www.kaggle.com/datasets