AI & DS are related to each other.

AI is an ability for computer to take decision by themselves without human intervention.

# Course Outline

Python (2 month)

Django and Fast API (web dev) (2.5 month)

Data Science

* Numpy
* Matplotlib
* Panda
* Seabron
* Sctik learn
* PowerBI

Deep Learning

Pytorch

Tensorflow

Such tasks include:

* [**Data manipulation**](https://www.datacamp.com/tracks/data-manipulation-with-python) and cleaning ([**pandas**](https://www.datacamp.com/tutorial/pandas))
* Scientific computing (NumPy & SciPy)
* [**Web development**](https://www.datacamp.com/tutorial/web-development-django) (Django & Flask)
* [**Machine learning**](https://www.datacamp.com/tracks/machine-learning-fundamentals-with-python) ([**TensorFlow**](https://www.datacamp.com/tutorial/tensorflow-tutorial) & **[PyTorch](https://www.datacamp.com/tutorial/pytorch-tutorial-building-a-simple-neural-network-from-scratch" \t "_blank)**)

[Python Cheat Sheet for Beginners | DataCamp](https://www.datacamp.com/cheat-sheet/getting-started-with-python-cheat-sheet)

Day 2

Power ka operator book mein nahi hai

Variable ke naming scheme mein **camel case** prefer karna hai

The **PEMDAS** rule stands for Parentheses, Exponents, Multiplication, Division, Addition, and Subtraction used for mathematical expressions of operation

**Web scrapping**

**Mgmt system**

**Projects included**

**Package building, OOP, adv python**

**WEB Gui or visualization**

**Iterator, decorators and list comprehensions**

One with background and one without classes:

**One without the background:** will start from AI for Everyone

**One with the background:**HTML CSS (3 days for each)Django/Python (4 week) (2 week for fast learner)Build 3 project (4 days for each project)Web Scrapping Build 3 project Core Python projectDBMS:MySQL and/or MongoDB (4 weeks)