

INTRODUCTION AND APPLICATIONS OF MACHINE LEARNING



Contacts

Instructor

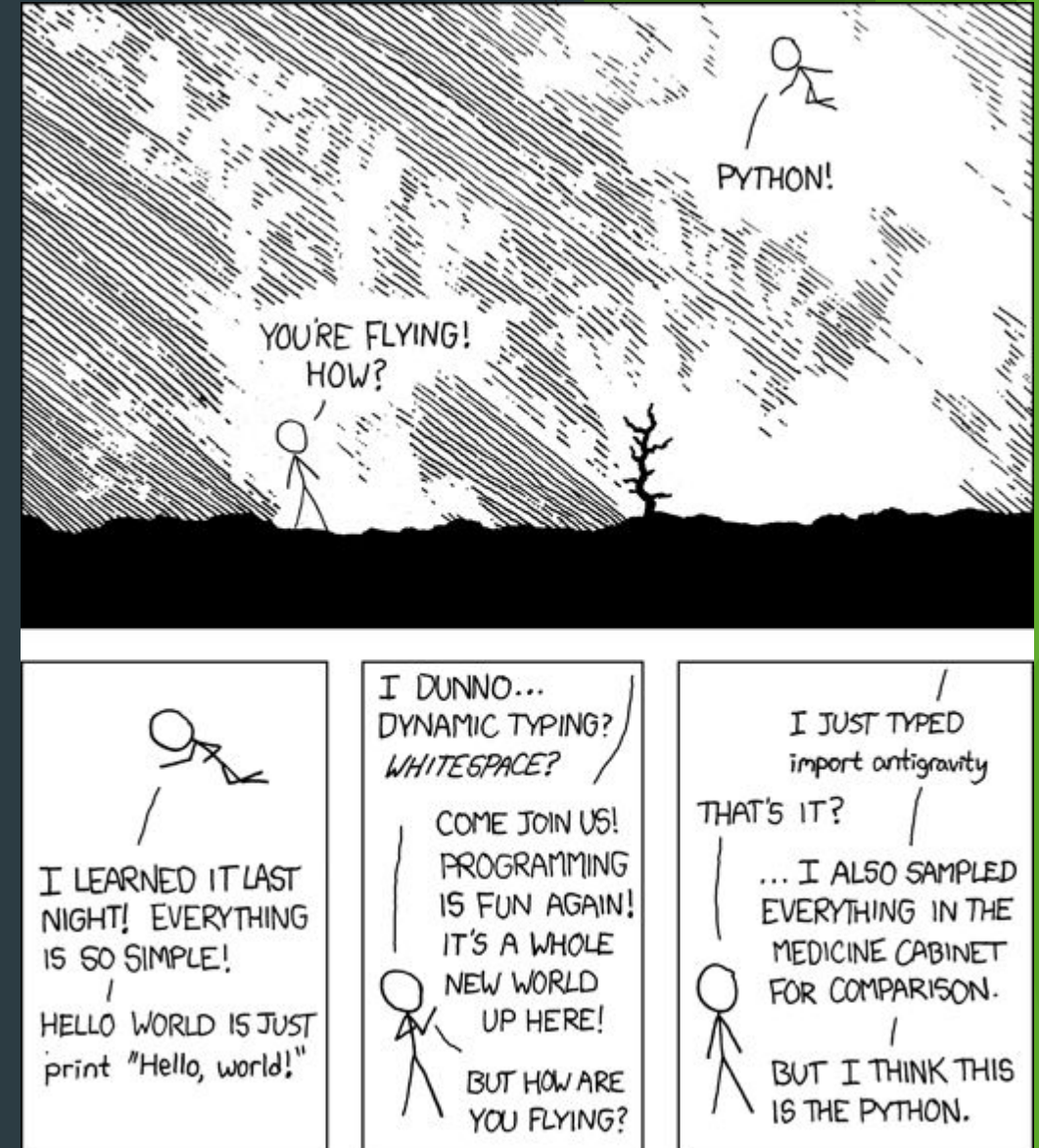
- Shreyas Bhat - 9082080984
- S I Harini - 7021247073
- Rishav Mukherji - 9920741703

Mentor

- Hardik Shah - 9427925103

Getting Started with Python

- In this tutorial we will learn how to use various python modules which is essential to understand the implementation of machine learning algorithms
- Anyone who wants to automate some task or deal with datasets for example, eventually ends up learning python



Python topics to be taught

- We will be starting from the absolute basics of python. We will be teaching :-
 - Data Types
 - Containers (such as Lists, Dictionaries, Sets and Tuples)
 - Functions

Starting off with NumPy

- NumPy is used extensively throughout the field of machine learning. The main feature of numpy being array and matrix manipulation and calculation
- In today's lecture we will be going over the basics of NumPy wherein we show you how to create arrays, change the values, indexing arrays as well as carrying out some basic maths on the same



References

- <https://www.conceptsofdeeplearning.tech/python>
- https://www.w3schools.com/python/python_ml_getting_started.asp
- <https://docs.python.org/3/tutorial/index.html>

THANK YOU!

