# AI

## Harvard CS50 Introduction to AI: https://www.youtube.com/watch?v=gR8QvFmNuLE&list=PLhQjrBD2T381PopUTYtMSstgk-hsTGkVm&ab\_channel=CS50 (Recomand)

## Standford AI course: <br> https://www.youtube.com/playlist?list=PLoROMvodv4rMiGQp3WXShtMGgzqpfVfbU

## Tutorials:

1. Intro to ML on yt: https://www.youtube.com/watch?v=7eh4d6sabA0&ab\_channel=ProgrammingwithMosh

2. ML yt tutorial : https://www.youtube.com/watch?v=ujTCoH21GlA&list=PLzMcBGfZo4-mP7qA9cagf68V06sko5otr&ab\_channel=TechWithTim

3. W3s MatplotLib tutorial: https://www.w3schools.com/python/matplotlib\_intro.asp

4. W3s Ml tutorial: https://www.w3schools.com/python/python\_ml\_getting\_started.asp

## AI Books: <br>

1. Data Analysis https://bedford-computing.co.uk/learning/wp-content/uploads/2015/10/Python-for-Data-Analysis.pdf

2. Machine Learning: https://falksangdata.no/wp-content/uploads/2022/07/python-machine-learning-and-deep-learning-with-python-scikit-learn-and-tensorflow-2.pdf

3. Data Science: http://leilei.ink/wp-content/uploads/2020/03/Python\_Data\_Science\_Handbook.pdf

4. Python Automation: https://edu.anarcho-copy.org/Programming%20Languages/Python/Automate%20the%20Boring%20Stuff%20with%20Python.pdf

## Exercises:

1. Numpy https://www.w3resource.com/python-exercises/numpy/index.php

2. Matplotlib https://www.w3resource.com/graphics/matplotlib/

3. Pandas https://www.w3resource.com/python-exercises/pandas/index.php

4. Machine Learning https://www.w3resource.com/machine-learning/scikit-learn/iris/index.php

#### MIT Deep Learning Basics (Lex Fridman 2019): https://www.youtube.com/watch?v=O5xeyoRL95U&ab\_channel=LexFridman