

My Self Learning Route Map To Data Science

1) Python Programming:

- a) Youtube : <https://www.youtube.com/playlist?list=PLsyebzWxl7poL9JTVyndKe62ieoN-MZ3>
- b) Course : <https://www.udemy.com/course/complete-python-bootcamp/>
- c) Book : <https://www.amazon.in/Core-Python-Programming-Nageswara-Rao/dp/938605230X>
- d) Python Coding : <https://codeforces.com/problemset>
<https://www.geeksforgeeks.org/python-programming-examples/>

2) Data Structures and Algorithms :

- a) Youtube : https://www.youtube.com/playlist?list=PLeo1K3hjS3uu_n_a_MI_KktGTLYopZ12
- b) Book : <https://drive.google.com/file/d/11vF3HwzAq4WFHqUoX6iriehRwZTvZ6uI/view?usp=sharing>
- c) Coding: <https://www.geeksforgeeks.org/data-structures/>

3) Numpy :

- a) Tutorial : <https://www.analyticsvidhya.com/blog/2020/04/the-ultimate-numpy-tutorial-for-data-science-beginners/>
- b) Coding : <https://www.machinelearningplus.com/python/101-numpy-exercises-python/>
- c) Youtube : https://www.youtube.com/watch?v=8JfDAmy9y_7s&t=1s

4) Pandas :

a) Tutorial

<https://www.learndatasci.com/tutorials/python-pandas-tutorial-complete-introduction-for-beginners/> ,

<https://www.datacamp.com/community/tutorials/pandas-tutorial-dataframe-python> ,

<https://www.geeksforgeeks.org/pandas-tutorial/>

b) Youtube : <https://www.youtube.com/watch?v=UB3DE5Bgfx4&t=2s>

c) Coding :

<https://www.machinelearningplus.com/python/101-pandas-exercises-python/>

5) Maths:

a) Course :

<https://www.coursera.org/specializations/mathematics-machine-learning>

b) Book :

https://drive.google.com/file/d/1HEKRwjBcf50yiyj5xiKnAZWIK_yrU74/view?usp=sharing

<https://drive.google.com/file/d/1y0HX4IFWDqxkluIgbTlzXc8RpT-VDksC/view?usp=sharing>

6) Machine Learning

a) Course : <https://www.coursera.org/learn/machine-learning>

b) Course: <https://www.udemy.com/course/machinelearning/>

c) Book :

<https://drive.google.com/file/d/1ofaTCLPK2FrC88oSVbEUGtDeP5ZfnNKg/view?usp=sharing>

https://drive.google.com/file/d/1aGpfVaRR9GTGke8wUGQ5_NwYkVSIn3hP/view?usp=sharing

d) Coding Challenges : <https://www.kaggle.com/>

7) Deep Learning

- a) Course : <https://www.coursera.org/specializations/deep-learning>
- b) Course : <https://www.udemy.com/course/deeplearning/>
- c) Book :
https://drive.google.com/file/d/11zZDzkqHv-r-lULnhGBPVPiSe66ccF_6/view?usp=sharing
- d) Coding Challenges : <https://www.kaggle.com/>