

Data Science Roadmap

1. Python

- a. Basics
- b. List Manipulation, Dict, Tuple, Sets
- c. Functions, Generators & File Handling
- d. Logging and Debugging
- e. Modules and Exception
- f. OOP
 - i. Inheritance
 - ii. Polymorphism
 - iii. Abstraction
 - iv. Inheritance

2. Database

- a. Sql
- b. No Sql

3. Python Libraries

- a. Numpy
- b. Pandas
- c. Matplotlib
- d. Seaborn
- e. Plotly

4. Stats

5. Machine Learning

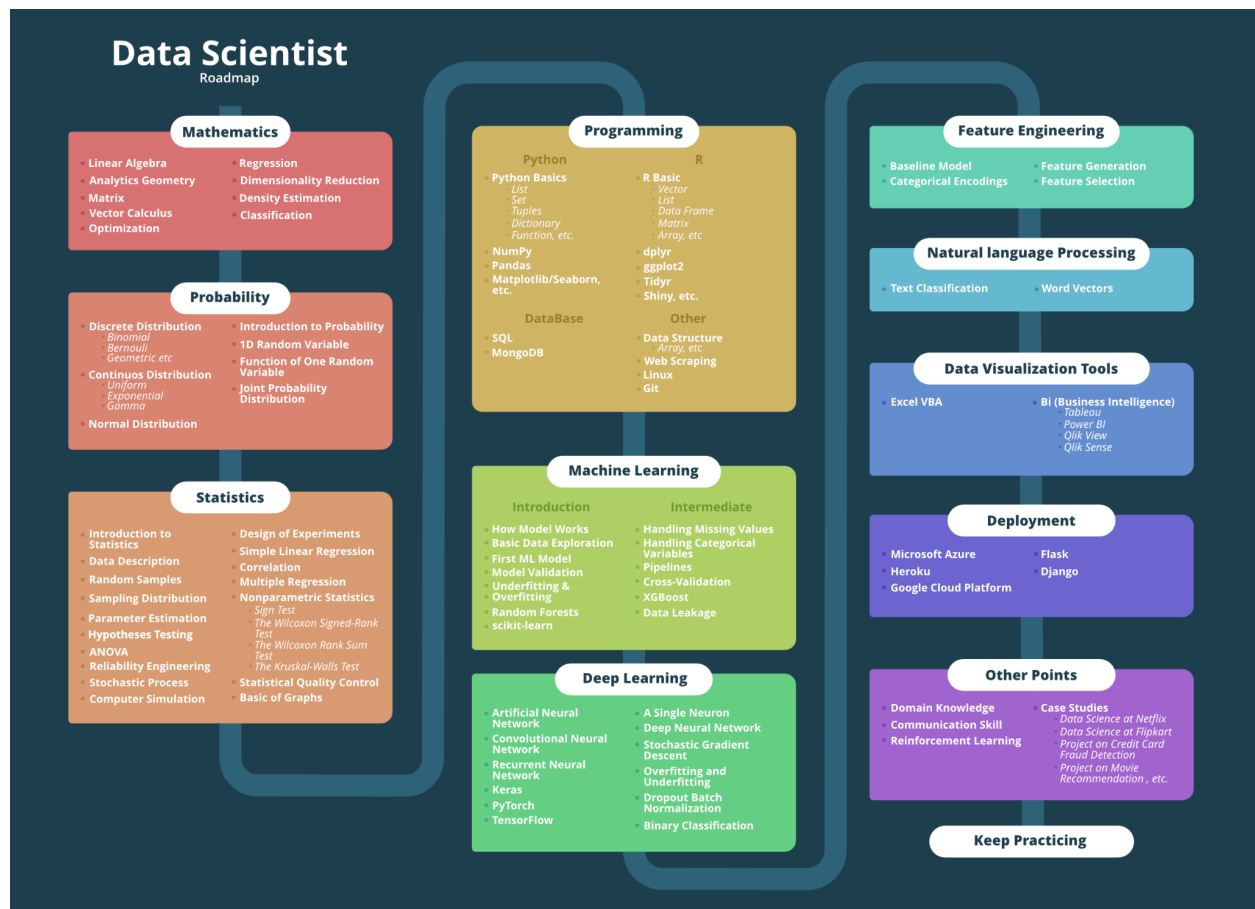
6. Web Framework

- a. Flask
- b. FastApi

7. Extra materials

- a. Time Series
- b. Deep Learning
- c. Computer Vision
- d. NLP
- e. Cloud
- f. PowerBI

8. Projects



Resources:

<https://www.geeksforgeeks.org/how-to-become-data-scientist-a-complete-roadmap/>

<https://datasciencedojo.com/blog/data-science-roadmap/>

<https://www.codewithharry.com/videos/how-to-become-a-data-scientist/>

<https://www.knowledgehut.com/blog/data-science/data-science-roadmap>

<https://www.scaler.com/topics/data-science/data-scientist-roadmap/>