Python Roadmap Guide

1

BASICS

- Basic Syntax
- Variables & Data Types
- Conditional Statements
- Lists, Tuples, Sets, Dictionaries
- Functions
- Type Casting

DATA STRUCTURES AND ALGORITHMS

- Arrays & Linked List
- Heap, Stack
- Binary Search
- Recursion
- Sorting Algorithm

2

3

OOP & MODULES

- Classes
- Inheritance
- Methods
- Dunder

PACKAGE MANAGERS

- pip
- Conda
- Pypl

4

5

SYNCHRONOUS FRAMEWORKS

- Django
- Flask
- Pyramid

ASYNCHRONOUS FRAMEWORKS

- gevent
- aiohttp
- tornado
- sanic

6

7

TESTING APPS

- dockest
- nose
- pytest
- unittest / pyUnit

PYTHON CAREERS

- Data Analyst
- Data Scientist
- Data Engineer
- Machine Learning

8