

# PYTHON DS and Algorithm:

## Patter to follow

The following is an ordered list of **data structures and algorithms** you need to master:

- Array
- Strings
- Tuple and Sets
- Lists and Two Dimensional Lists
- HashMap and HashTable
- Linked Lists
- Stack and Queues
- Recursion
- Trees
- Priority Queues
- Graphs
- Dynamic Programming
- Trie

🧐 A **data structure** is a named location that can be used to store and organize **data**. And, an **algorithm** is a collection of steps to solve a particular problem. Learning data structures and algorithms allow us to write efficient and optimized computer programs. 🐱

## Tips and Strategies:-

1. Look out for best Resource 🧐.
2. Understanding the fundamentals properly 🧐.
3. Increase problem solving skills.

4. Spaced Repetition 🌟.
5. Practice more and more 🧑.
6. Notice the patterns of solving 😊.
7. Look for different code of same problem 🧩.