Easy Way to learn DSA

Thinking to crack DSA by watching youtube tutorials or rading articales, is time wasted.

The best way to learn **DSA** is

Pick any language

Pick any language towards you are more inclined or depending upon the guidance available to you

It can be C, Python or Java. Be familiar with its concepts

Complexity

This is the base upon which DSA rests.
There are two types of coplexity :-

Time Complexity -

It is time required to execute the
program

Space Complexity -

It is space required to execute the
program

Asymptotic Notation

Asymptotic Notation is a tool to calculate complexitites in terms of input size without executing code.

These tools calculates on the basis of number of operations performed in a program by ignoring the system dependent factors

3 Popular notations are :-

- Ω **Omega**
- θ **Theta**
- O **Big O Notation**

Learn DSA

DSA consists of two things :-

1 - Data Structures - are some specialized format for processing, storing, retrieving data.

2 - Algorithms - is noting but some rules or process to follow when solving a problem

Learn it from Youtube , Google, Udemy etc.

Practice

The mandatory part in this process is to
practice -----> DSA

Most of you Consider watching playlists as
learning DSA, its about solving complex
problems

Make id at Leetcode, CodeChef or
Geeksforgeeks.