

## Twitter Thread by Mohammed Junaid ■



**Mohammed Junaid** ■

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### Data Structures & Algorithms Roadmap for Beginners in 2022.



Data Structures & Algorithms are One of the very Important Topics to Crack Big Tech Companies.

Here's the best way to learn.

⇒ Choose a language.

- Learn Fundamentals.
- Basic Syntax.
- Data Types.
- Operators, Variables, Functions.
- Conditional Statements, loops.

Best Case: C++ Or Java

•• Time & Space Complexity

•• Linear Data Structures.

- Arrays.
- Strings.
- Linked List.
- Stacks.
- Queues.

•• Non - Linear Data Structures.

- Tree.
- Graph.
- Heaps.

•• Recursion & Backtracking.

•• Algorithms.

• Sorting Algorithms.

- Bubble Sort.
- Selection Sort.
- Insertion Sort.
- Shell Sort.
- Merge Sort.
- Quick Sort.

•• Algorithms.

• Searching Algorithms.

- Linear Search.
- Binary Search.

•• Advanced Topics.

- Dynamic Programming.
- Bit Masking.
- Advanced Graph Theory.
- Suffix Tree.

•• Twitter Threads

- Resources to learn Ds Algo.

<https://t.co/2NxHpqVlkS>

40+ Resources to Learn..

Data Structures & Algorithms \U0001f525\U0001f929\U0001f680

From:

\u2b55Youtube.

\U0001f193Free Courses.

\U0001f4b0 Paid Courses.

\U0001f929 Websites.

\U0001f4da Books.

Mega Thread \U0001f9f5\U0001f92f \U0001f447

— Mohammed Junaid \U0001f3af (@mdjunaidap) July 28, 2021

- Data Structures and Algorithms Explanation by  
[@Vinaystwt](#)

<https://t.co/XINt1ffcvm>

Do you often forget the basics of a Data structure or algorithm?

No Again!!

Data Structure and Algorithms Cheatsheet

A MEGA Thread\U0001f9f5

— Vinay Sharma | Vinaystwt.eth (\U0001f6e0, \U0001fa90) (@Vinaystwt) [September 17, 2021](#)

- Visual Explanation of Algorithms By

[@oliverjumpertz](#)

<https://t.co/ZBDtjkWcBJ>

I regularly post visual content about JavaScript. And at the moment, this content is a lot about algorithms.

Now it's time for a collection of many of those visuals for any developer interesting in algorithms with JavaScript!

A thread. \u2193

— Oliver Jumpertz (@oliverjumpertz) [September 16, 2021](#)

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<https://t.co/2XaQR6RW0w>