



Prerequisite - MIT's Mathematics for Computer Science:

<https://www.youtube.com/watch?v=L3LMbpZIKhQ&list=PLB7540DEDD482705B>



Khan Academy - Intro to algorithms:

<https://www.khanacademy.org/computing/computer-science/algorithms>



Introduction to Algorithms Book by Charles E. Leiserson, Clifford Stein, Ronald Rivest, and Thomas H. Cormen:

<https://mcdtu.files.wordpress.com/2017/03/introduction-to-algorithms-3rd-edition-sep-2010.pdf>



GeeksforGeeks - Data Structures Tutorials:

<https://www.geeksforgeeks.org/data-structures/>



MIT - Introduction to Algorithms:

https://www.youtube.com/watch?v=HtSuA80QTyo&list=PLUI4u3cNGP61Oq3tWYp6V_F-5jb5L2iHb



Coursera - Data Structures and Algorithms Specialization:

<https://www.coursera.org/specializations/data-structures-algorithms>



Coursera - Algorithms Specialization:

<https://www.coursera.org/specializations/algorithms>



MIT - Advanced Data Structures: <http://courses.csail.mit.edu/6.851/spring12/lectures/>



GeeksforGeeks - Advanced Data Structures Tutorials:

<https://www.geeksforgeeks.org/advanced-data-structures/>



I also found this interesting website which explains Data Structures and Algorithms through animations - <https://visualgo.net/en>

Platforms to practice - HackerEarth, Topcoder, LeetCode, HackerRank, CodeChef, Coderbyte

