



# Software Reading Task

Selections - Round II

## General Instructions

Path-finding is an important problem which has many applications in real life. **A\*** is one of the best search algorithms which helps to approximate the shortest path in a graph. **A\* algorithm** has many variations which try to balance the time and space complexity efficiently. In this task, you have to read about the different variations of the **A\* algorithm**. You can start by reading the below blog on **A\*** and can also refer to [geeksforgeeks](#) for explanation.

- [Reference 01](#)
- [Reference 02](#)

Go through the drive link provided, which contains the actual paper for your reading task. Read about the variations of **A\*** as they are a key point of this algorithm, and their knowledge will help you a lot in the interviews!

[Drive Link to the Paper](#)

*Pro-tip : What's important in this task is that you understand the algorithm and its variations, not its math.*