



Algorithm Visualization



This project is to better understand the algorithms, by visualizing them using pygame. Pygame module of python will be used for the visualization. The algorithms we will use are sorting and path finding algorithms.

SORTING ALGORITHMS

- 01 Bubble sort
- 02 Selection sort
- 03 Insertion sort
- 04 Quick sort
- 05 Merge sort

PATH FINDING ALGORITHMS

01

dijkstra algorithm

02

A* algorithm

MODULES

01 pygame

02 sys

03 random

04 queue

**Let's have a look
at the code**

Conclusion

The project helped us in understanding the algorithms better. We have explored a new module pygame. And we were able to apply many concepts we learnt in class, in the project.



Thank you!