SoulShift

SoulShift – Educational Q&A Platform

General Questions

Practice Questions

Q1. What is the time complexity of the depth-first search (DFS) algorithm in a graph?

  A. O(V + E)

  B. O(V)

  C. O(E)

  D. O(V^2)

Solution: DFS also explores all vertices (V) and edges (E), resulting in a time complexity of O(V + E).