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SoulShift – Educational Q&A Platform

General Questions

Practice Questions

Q1. What is the time complexity of a depth-first search (DFS) on a graph with V vertices and E edges?

A. O(V + E)
B. O(V)
C. O(E)
D. O(V^2)

Solution: DFS visits each vertex and edge once, leading to a time complexity of O(V + E).

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