



SoulShift - Educational Q&A Platform

General Questions

Practice Questions



Q1. What is the main advantage of using a priority queue in Dijkstra's algorithm?

- A. It allows for faster insertion of nodes
- B. It ensures that the node with the smallest distance is processed next
- C. It reduces the space complexity
- D. It simplifies the implementation

Solution: Using a priority queue allows Dijkstra's algorithm to efficiently retrieve and process the node with the smallest tentative distance next.



