
Week 10 - Shortest Paths

— AD 325 - 2021 —

Contents

Learning Outcomes

- Shortest path in an unweighted graph
- Edge-weighted digraphs
- Data structures for shortest paths
- Dijkstra's Algorithm

Reading & Videos

- Carrano & Henry: Chapter 29 (Paths)
- <https://www.coursera.org/learn/algorithms-part2/home/week/2> (Shortest Paths)

Reference

- <https://algs4.cs.princeton.edu/44sp/>
- <https://www.geeksforgeeks.org/graph-data-structure-and-algorithms/#shortestPath>