CS 5970/6970: Graph Algorithms

November 15, 2023

## Homework 8

Question 1. Implement the ball-tree data structure for fast knn-searching.

Question 2. Implement the knn-search function on the ball-tree data structure.

Question 3. Construct a knn-graph (k=10) on the data and output a dot format graph and visualize it in Gephi.