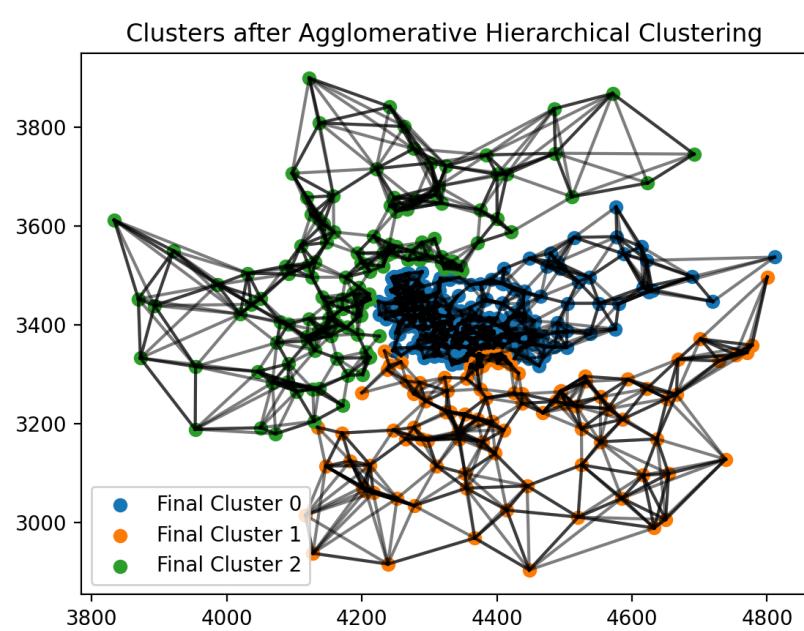
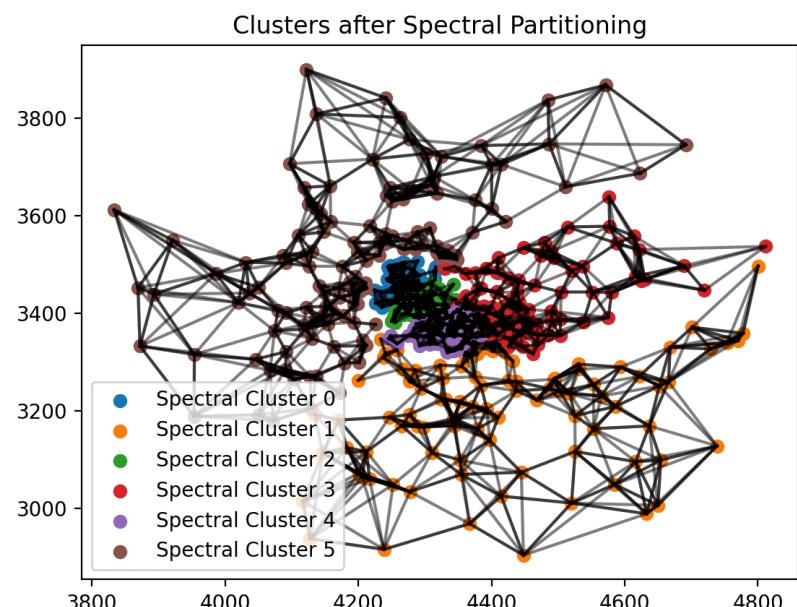
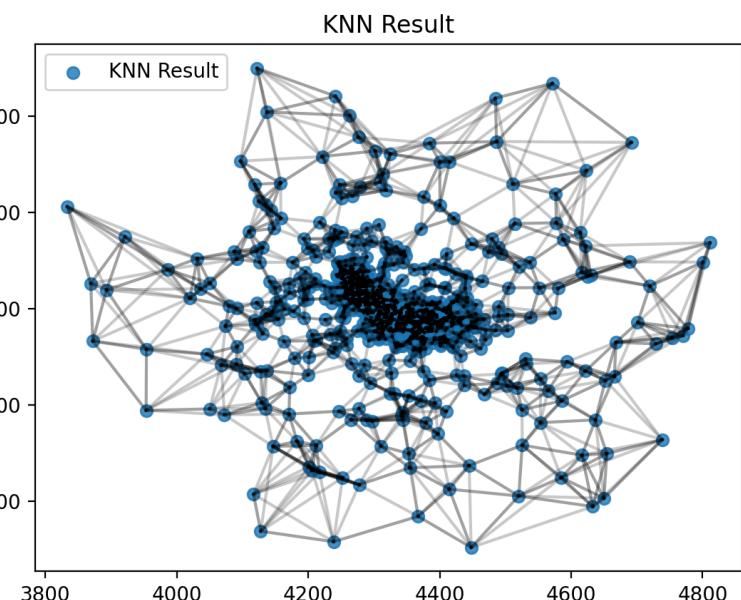


# **CSE 454 - Homework 2**

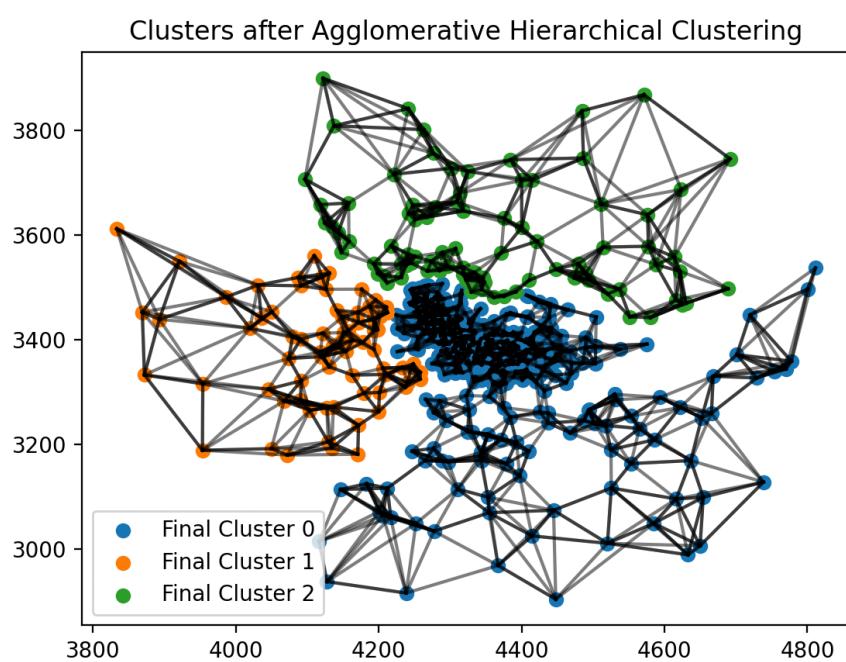
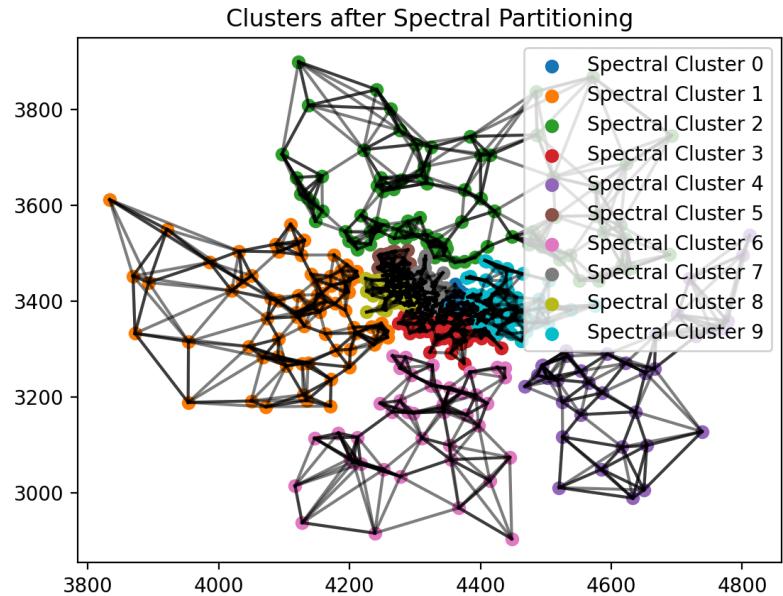
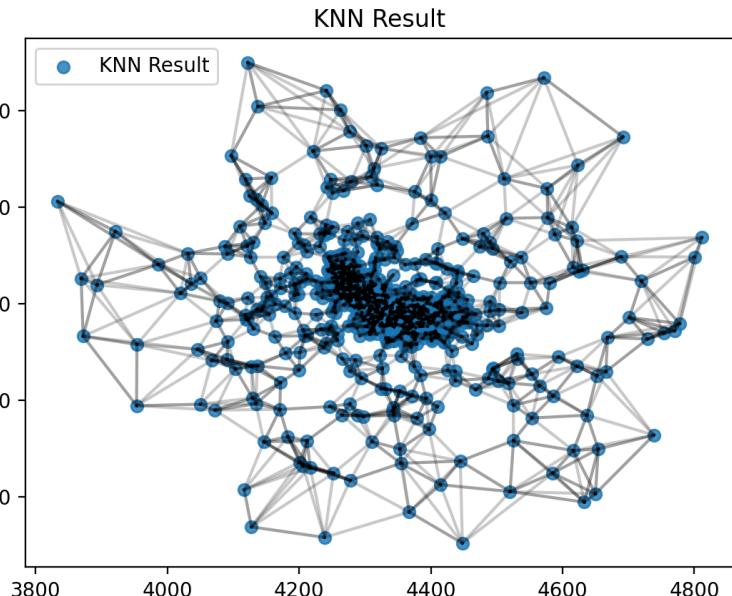
Sena Özbelen  
1901042601  
7 January 2024

## Results for e

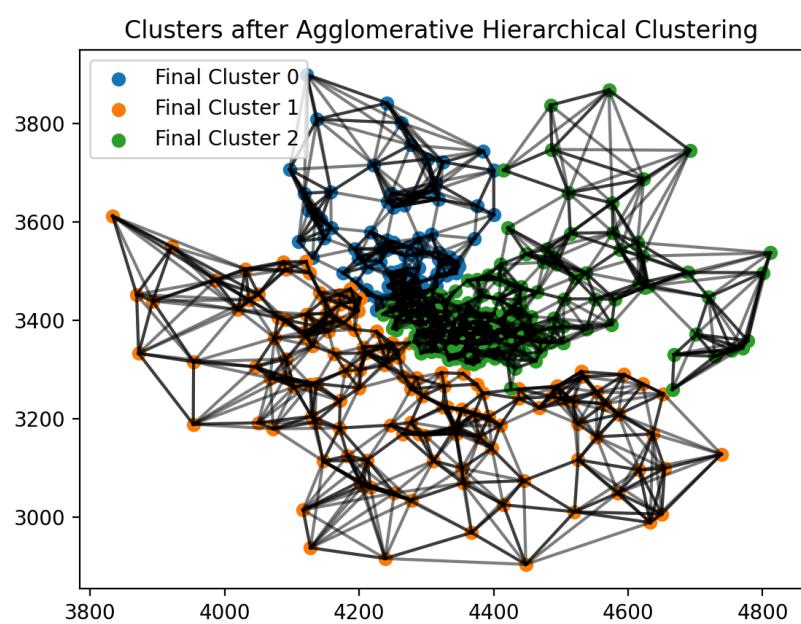
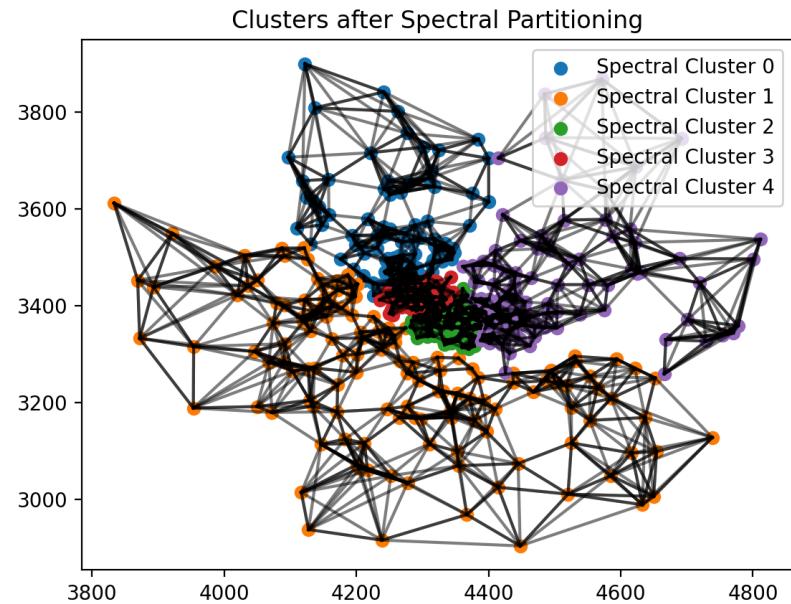
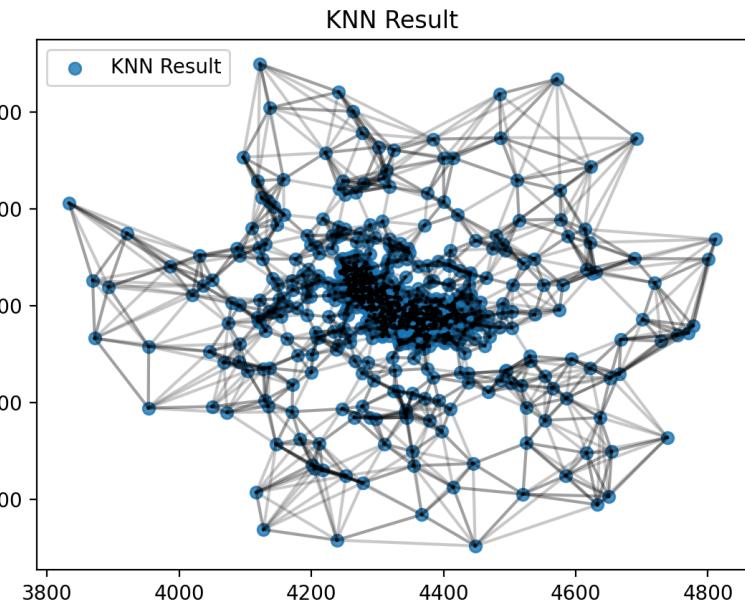
K = 7, Spectral Partitioning Cluster Number = 6, Hierarchical Agglomerative Cluster Number = 3



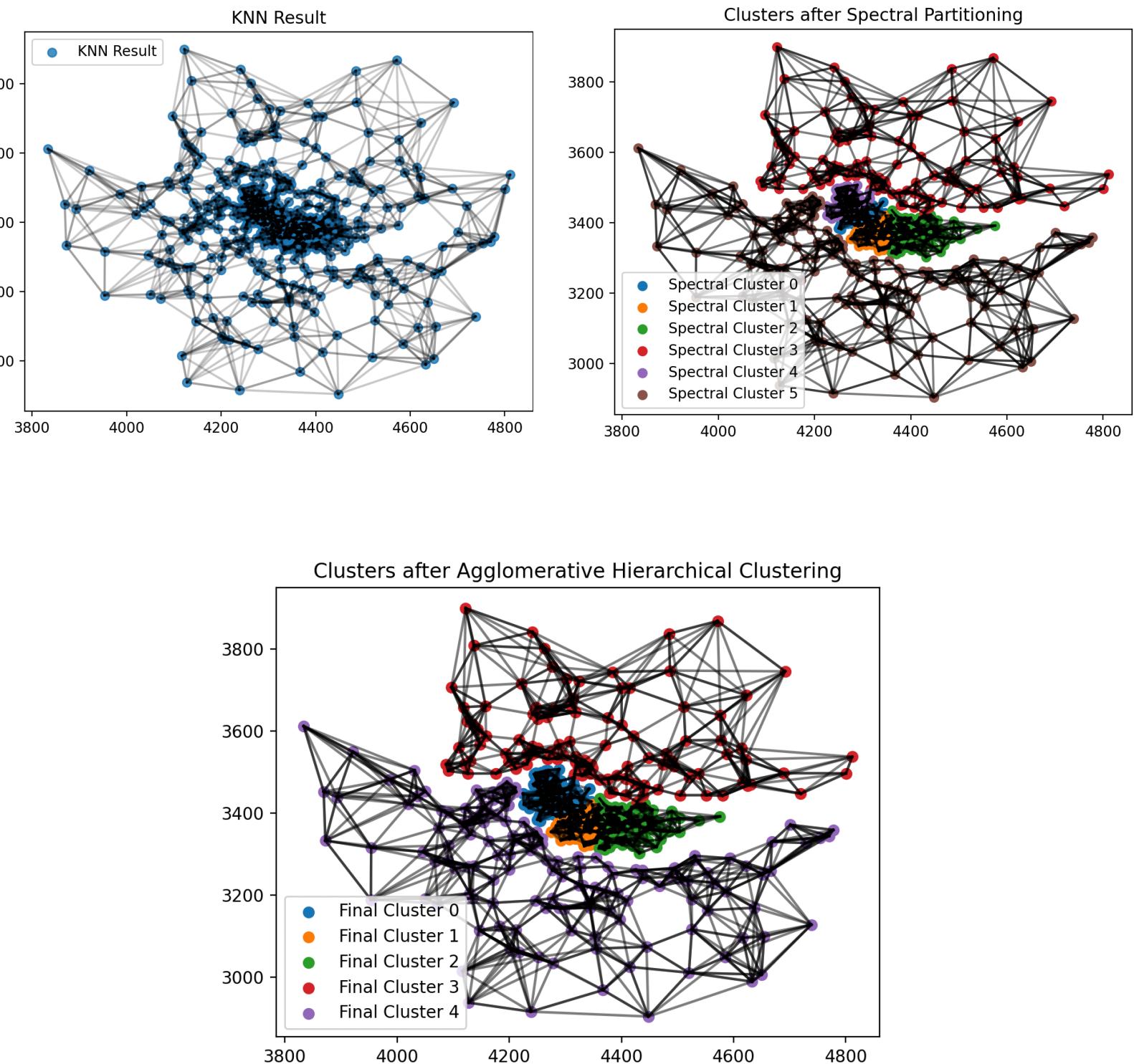
K = 6, Spectral Partitioning Cluster Number = 10, Hierarchical Agglomerative Cluster Number = 3



K = 8, Spectral Partitioning Cluster Number = 5, Hierarchical Agglomerative Cluster Number = 3

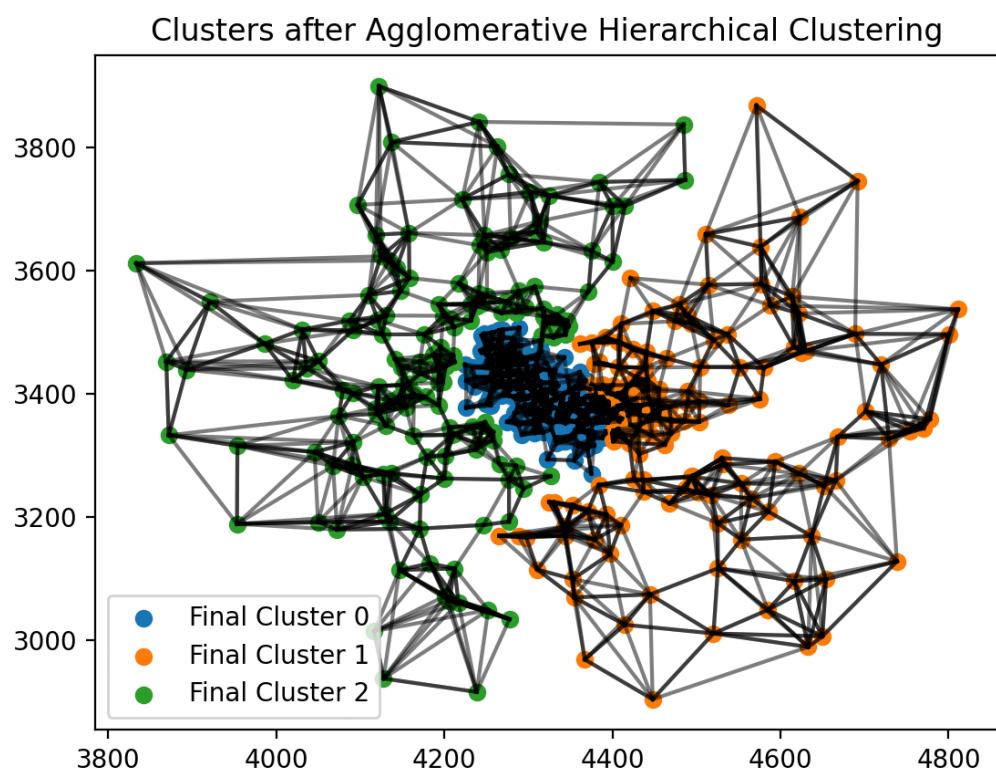
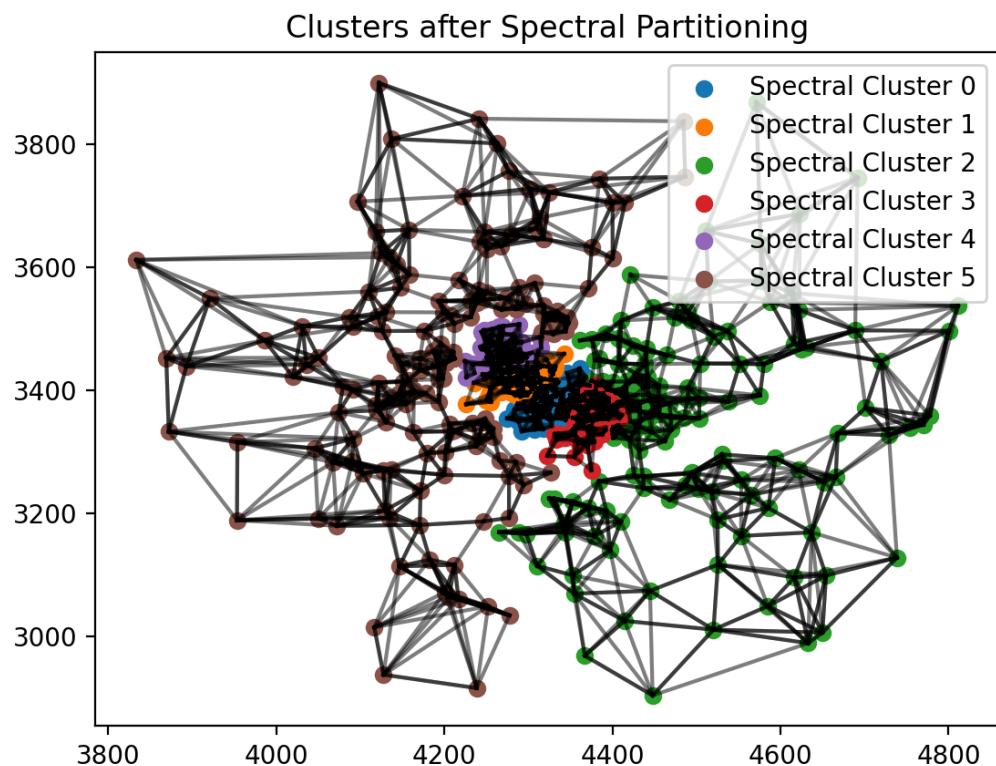


K = 8, Spectral Partitioning Cluster Number = 6, Hierarchical Agglomerative Cluster Number = 5

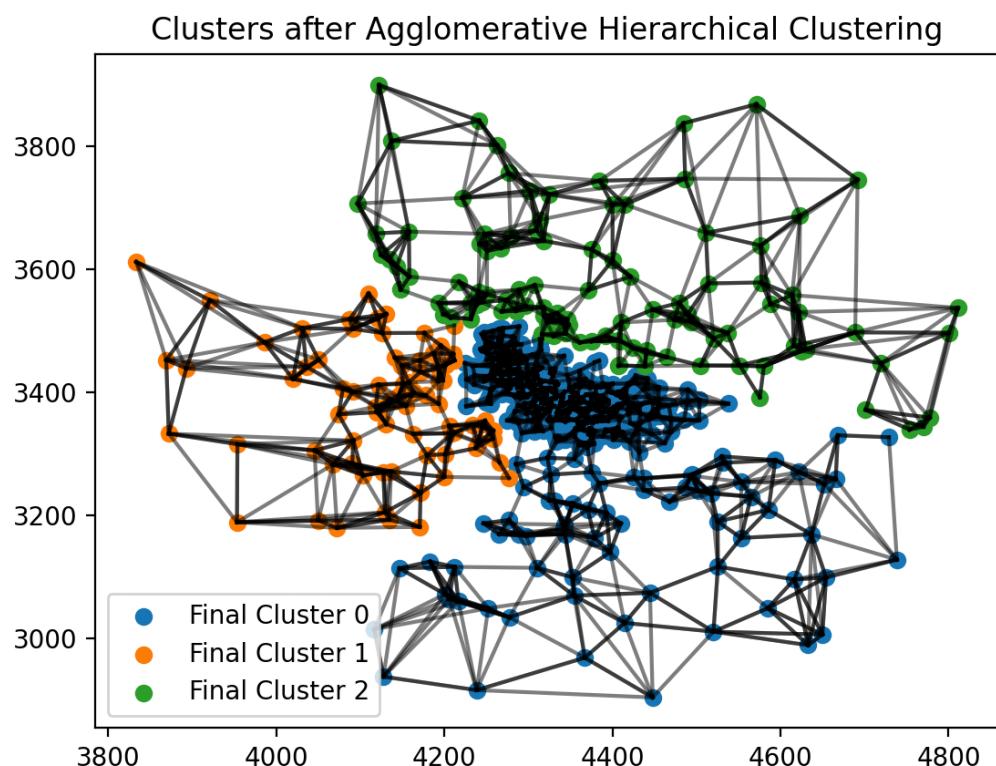
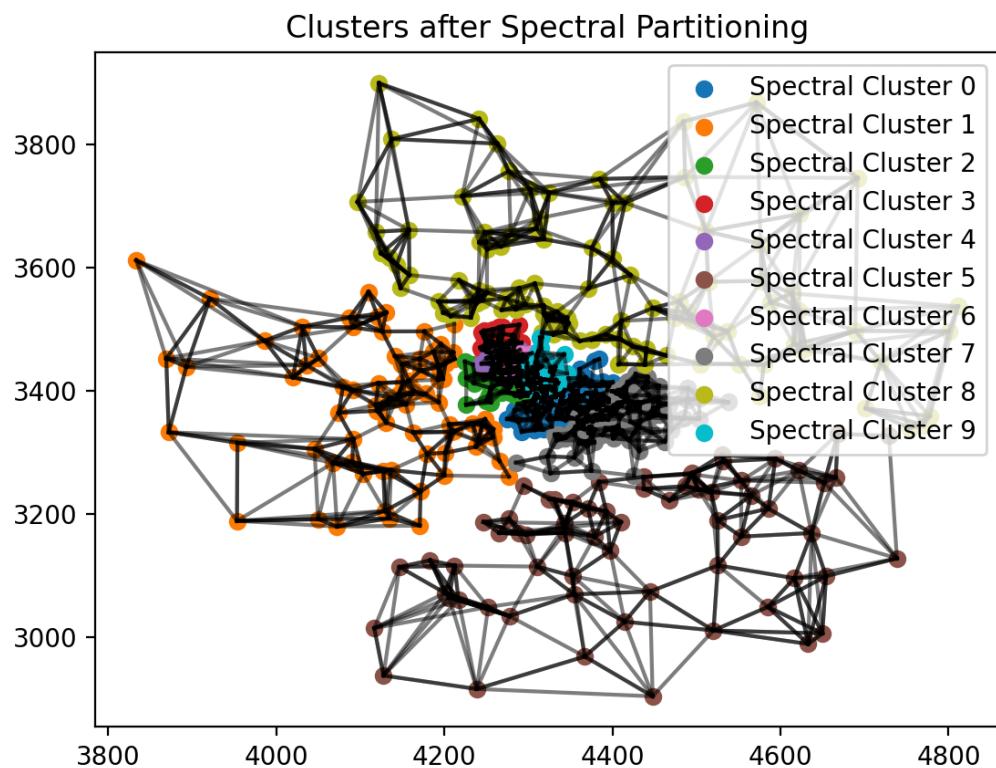


## Results for f

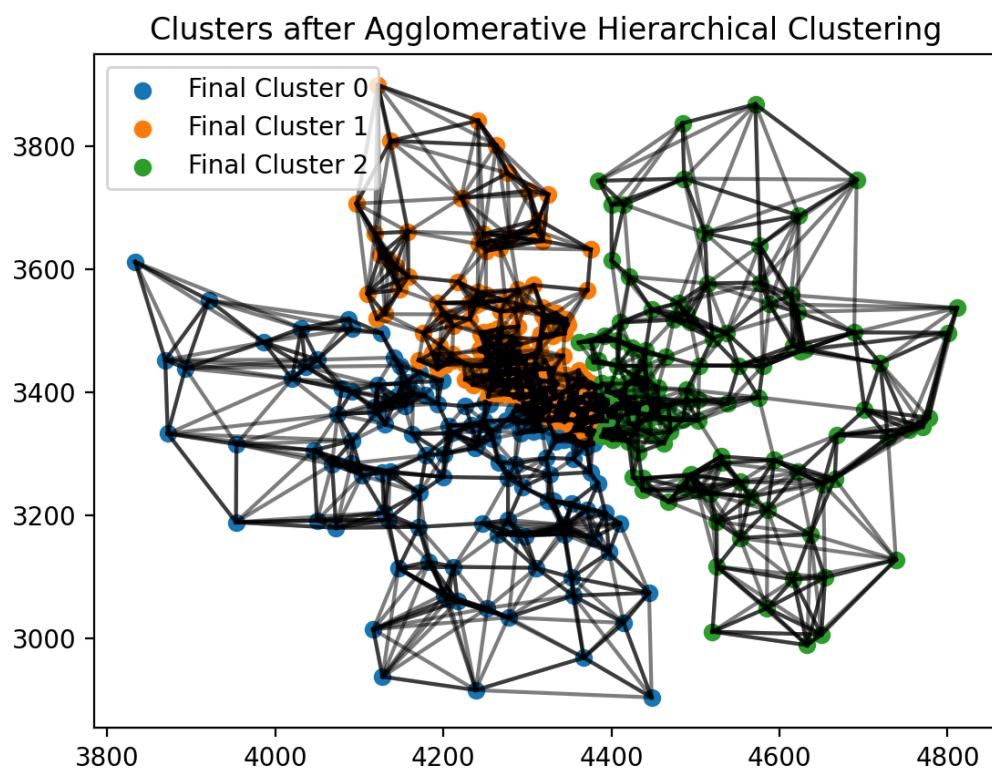
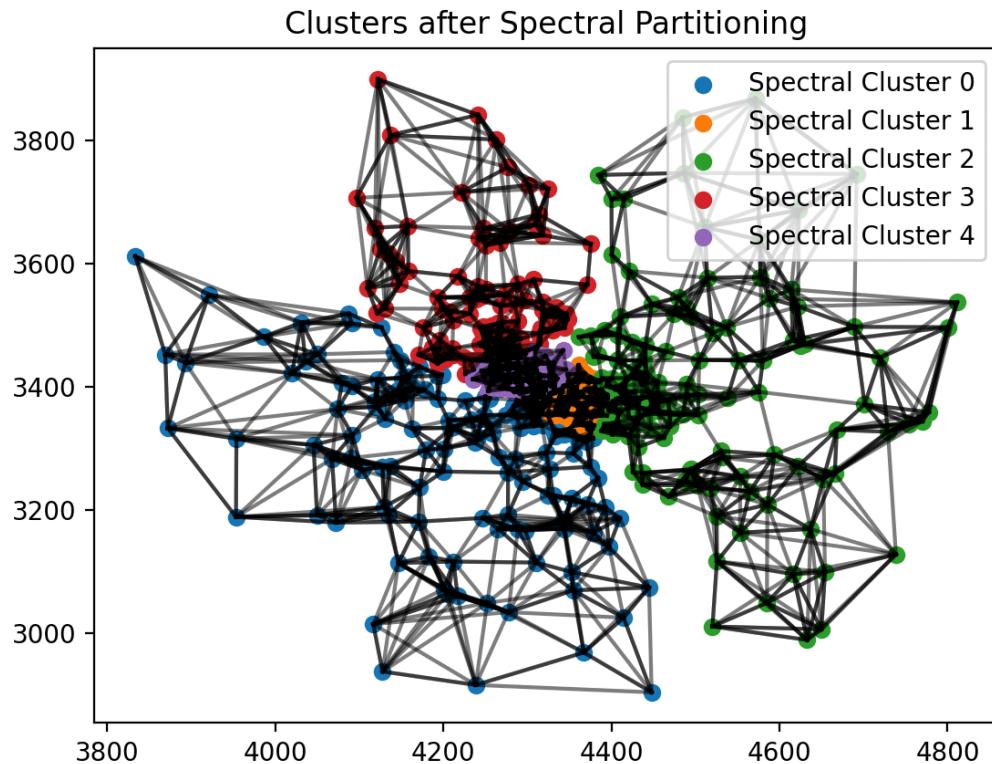
K = 7, Spectral Partitioning Cluster Number = 6, Hierarchical Agglomerative Cluster Number = 3  
**with Manhattan Distance**



K = 6, Spectral Partitioning Cluster Number = 10, Hierarchical Agglomerative  
Cluster Number = 3  
**with Manhattan Distance**



K = 8, Spectral Partitioning Cluster Number = 5, Hierarchical Agglomerative  
Cluster Number = 3  
**with Manhattan Distance**



K = 8, Spectral Partitioning Cluster Number = 6, Hierarchical Agglomerative  
Cluster Number = 5  
**with Manhattan Distance**

