The final homework... This is an individual assignment. This one is meant to be relatively quick and easy, and maybe even beneficial for your final project. 10 page limit, but I suspect you will not need more than 3 or 4 pages.

Task:

1. Choose a data set*. Explain what the data is and where it comes from (a URL is fine).
2. Perform clustering on the data using **any 3 methods** from among the following: *k-means, k-medoids, hierarchical clustering, dbscan, optics*
3. Compare and contrast the resulting clusters -- use visualizations, statistics, etc.
4. Choose one set of cluster results (from one method) and provide some interpretation as to the meaning of the clustering.

*Data sets: you may choose any data set EXCEPT iris, mtcars, glass, and the movies dataset used in the example clustering code. You may use your project data set if you like.