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| date: | Dec 23, 2024, 5:51 PM |
| subject: | RE: [Non-DoD Source] eda\_4350 as of 22-Dec |

Karen’s slides 2b: Types of clustering

·         options

o   within versus between

o   versus overall

o   soft and fuzzy versus hard

o   clusters versus partitions

o   number of clusters: given or guessed

o   outliers: allowed?

·         Techniques

o   Hierarchical

§  Agglomerative

§  Divisive (spectral)

o   Prototype: (k-means, etc.)

o   Graph-based

o   Probabilistic

o   Density-based

·         Number of clusters

o   Variance metric versus k

·         DBSCAN, HDBSCAN