

Quiz 6

1. **(1 Pt.)** State *three* assumptions of *k*-means clustering.
2. **(1 Pt.)** State *three* data preparation steps that should be considered before conducting a clustering analysis.
3. **(1 Pt.) True or False:** Squared error from cluster centroids nearly always decreases when adding more clusters into an analysis.
4. **(1 Pt.)** State *four* mathematical or statistical techniques for determining the number of clusters in a data set.
5. **(1 Pt.)** State *two* drawbacks of hierarchical clustering.