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Question 1

Not yet answered

Marked out of 3.00

For a clustering model in 4 dimensions with 6 multivariate normal clusters having varying sizes, varying shapes, and equal orientations, how many parameters must be estimated in total?

Question 2

Not yet answered

Marked out of 1.00

In model-based clustering with multivariate normal clusters, which of the following is **not** a valid cluster covariance model:

Select one:

- ☐ Equal sizes, spherical shapes, varying orientation.
- ☐ Equal sizes, equal shapes, varying orientation.
- ☐ Equal sizes, varying shapes, varying orientation.
- ☐ All of the above are valid.



In "classical" non-hierarchical clustering, the central point (centroid/medioid) of each cluster must be an actual data point for which method?

Closer answers will receive more marks.

Select one:

- ☐ For neither K -means nor K -medioids.
- ☐ For K -means only.
- ☐ For K -medioids only.
- ☐ For both K -means and K -medioids.

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