edX   **Microsoft:** DAT203x Data Science and Machine Learning Essentials

QUESTION 13 (1 point possible)

When exploring the k-means clustering of a dataset you continue to increase the number of clusters one-by-one until you observe that the projection of the first two principle components show:

- The major and minor axes of each of the ellipses are of similar lengths.
- The directions of major axes of the ellipses are relatively aligned.

Based on these observations, what should you do?

⦿   Publish the experiment as it is; the number of clusters chosen fits this dataset well.   ✖

○   Try an alternative modeling approach to clustering.

○   Reduce the number of clusters chosen.

○   Increase the number of the clusters chosen.

You have used 1 of 1 submissions

Module 4 Review
Homework due Oct 30,
2015 at 00:00 UTC   ✎

▸ Module 5:
   Recommenders
   and Publishing
   Your Work

▸ **Final Exam**