BUS 243 Name:

Quiz 3.

Problem. We can use Latent Semantic Analysis to represent a bag-of-words or a TF-IDF vector as compact meaning vectors called "word-topic vectors" or "document-topic vectors." These vectors can be used to represent the meaning of a document in a lower-dimensional space and to identify the topics that are discussed in a document. However, there are some cases where these topic vectors may not be useful. Supply your intuition of such cases.