MACHINE LEARNING WORKSHEET3

1.d

2.d

3.c

4.b

5.d

6.c

7.d

8.1

9.a

10.a,b

11.a

12.b

13. Clustering is a widely used unsupervised learning technique that allows us to find hidden patterns or relationships between the data points based on the common attributes in the data.

14. Graph-based clustering performance can easily be improved by applying ICA blind source separation during the graph Laplacian embedding step. Applying unsupervised feature learning to input data using either RICA or SFT, improves clustering performance.