

Assignment #5

2. While PCA and clustering methods are both reliable in data analysis, they are used for different purposes and possess their own strengths and weaknesses. The PCA method is used to reduce the number of variables in each dataset, all the while maintaining necessary variance. Clustering, on the other hand, is used to group similar objects and data together based on their characteristics. PCA is often used for high-dimensional data while clustering is typically used for exploratory analysis of large datasets.