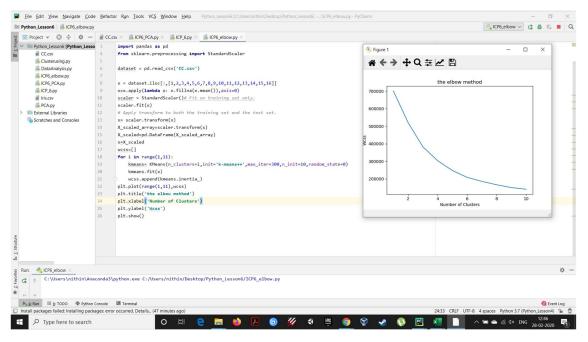
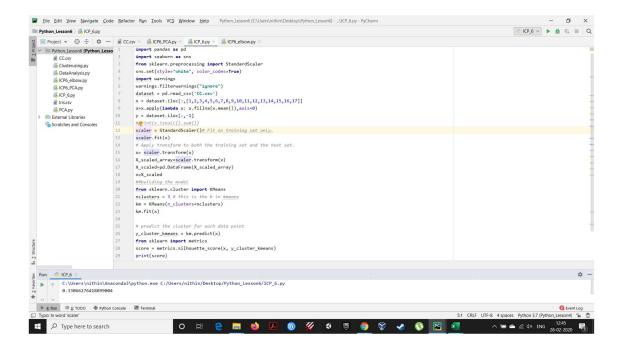
ICP 6

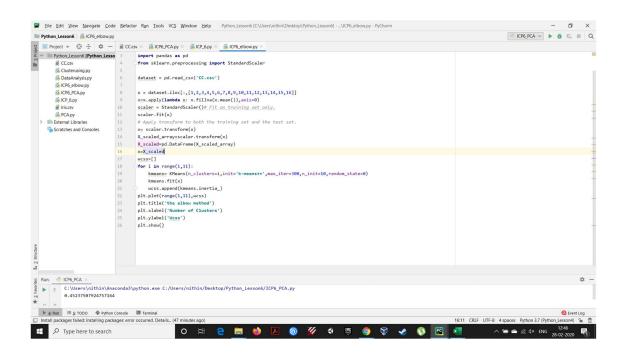
- 1. Apply K means clustering in this data set provided below:
- https://umkc.box.com/s/s15r7m0gnxu7b1s2kaobvc5w7da2nc1c
- •Remove any null values by the mean.
- •Use the elbow method to find a good number of clusters with the KMeans algorithm
- 2. Calculate the silhouette score for the above clustering
- 3. Try feature scaling to see if it will improve the Silhouette score
- 4.Apply PCA on the same dataset. Data Description can be found in

https://umkc.box.com/s/cjeenva7pyj6s0vz8s8zlpbwxtmg6d17***





2. Bonus points Apply kmeans algorithm on the PCA result and report your observation if the score improved or not?



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CLASS ID: 4