Q1
Both files has been submitted
I am not able to take screenshot.

Q2 at this values it is not working
Noise = 0 means it will not deviate at position to up and down(not confuse whether where to go)
By minimising discount it will try to go near and my maximizing it goes to far(By analysing)
It will **not** work at this param. --discount 0.22 --noise 0

Q3
Noise = 0 means it will not deviate at position to up and down(not confuse whether where to go)
By minimising discount it will try to go near and my maximizing it goes to far(By analysing)
By minimizing living reward means it is getting less reward for having life for a while so it tries to take a risky way to reach the destination
By maximizing living reward means it is getting more reward for having life for a while so it tries to take a distant way to reach the destination to collect more reward.

Below parameters are **not** working for respective part

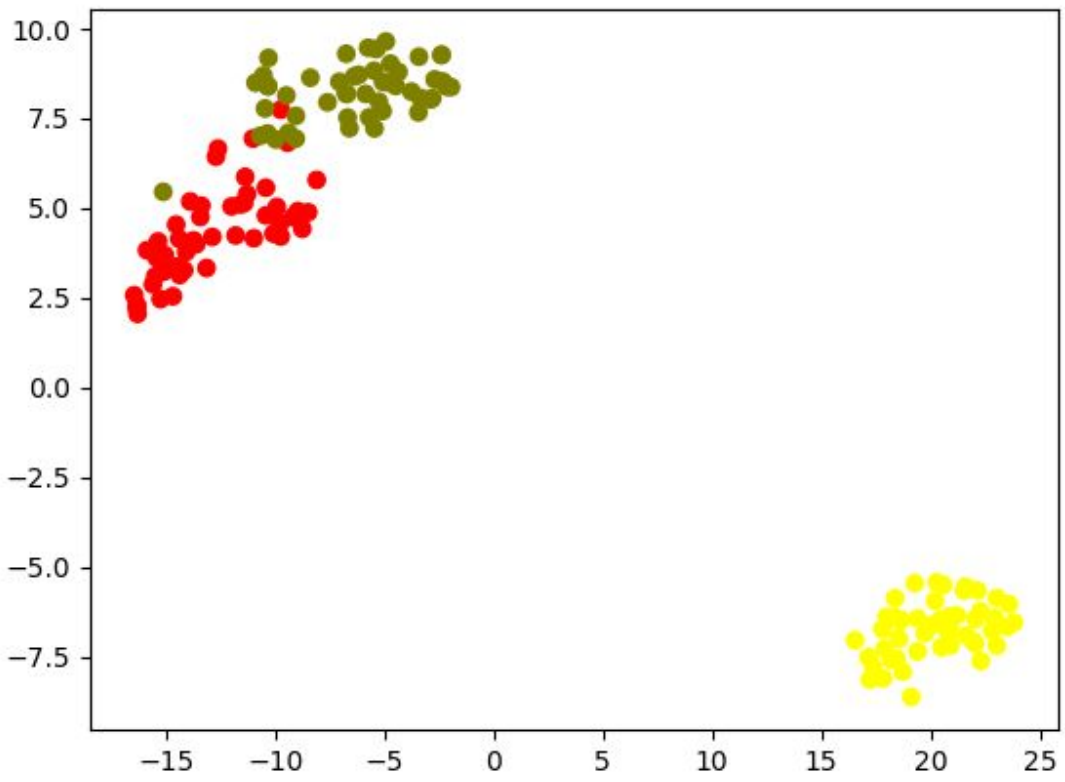
A. #--discount 0.1 --noise 0.1 --livingReward 0.6
B. #--discount 0.1 --noise 0.0001 --livingReward 0.1
C. ##--discount 0.9 --noise 0.05 --livingReward 0.6
D. #--discount 0.7 --noise 0.001 --livingReward 0.1
E. #--discount 0.9 --noise 0.05 --livingReward 0.6

Q4 Kmeans

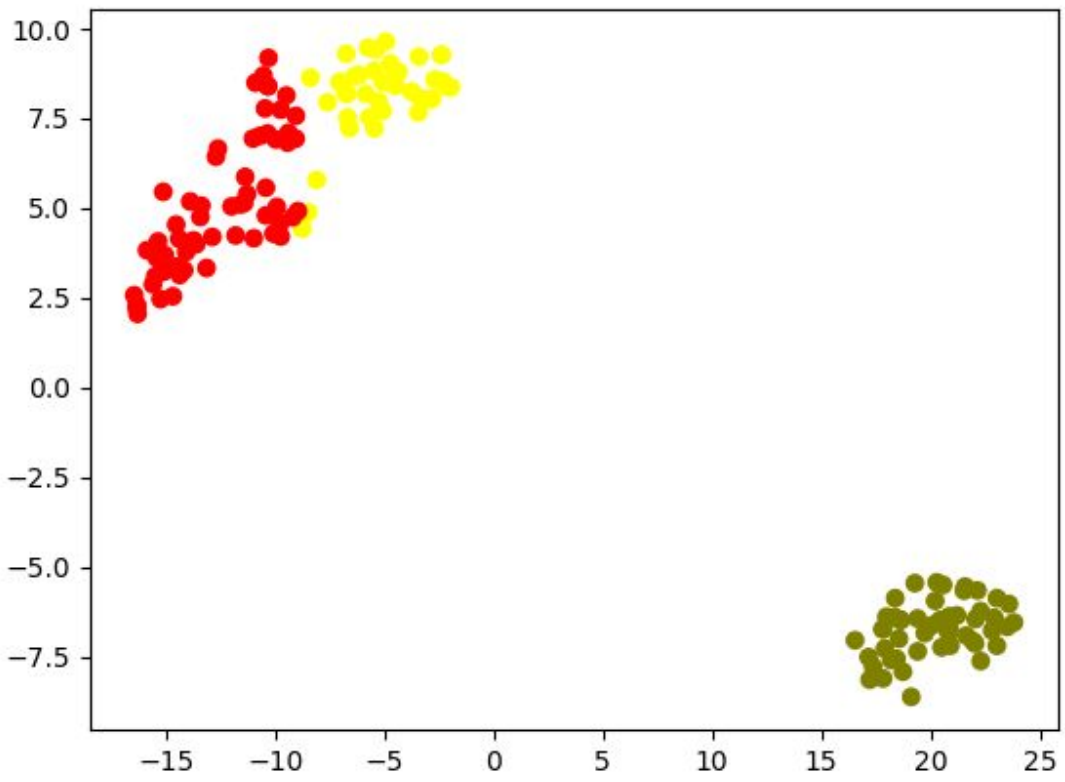
Outlier removed using Zscore value if and feature of row is less than 3 it will be removed.

1. Iris Dataset

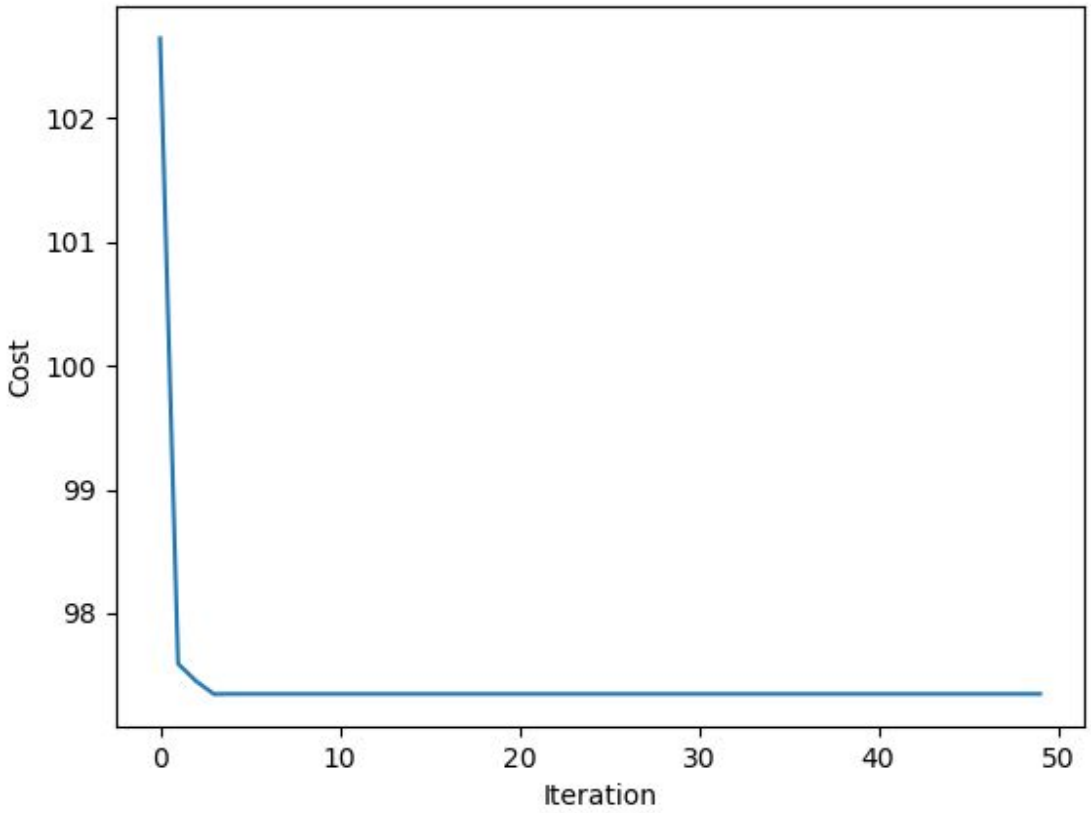
Before Kmeans



After Kmeans

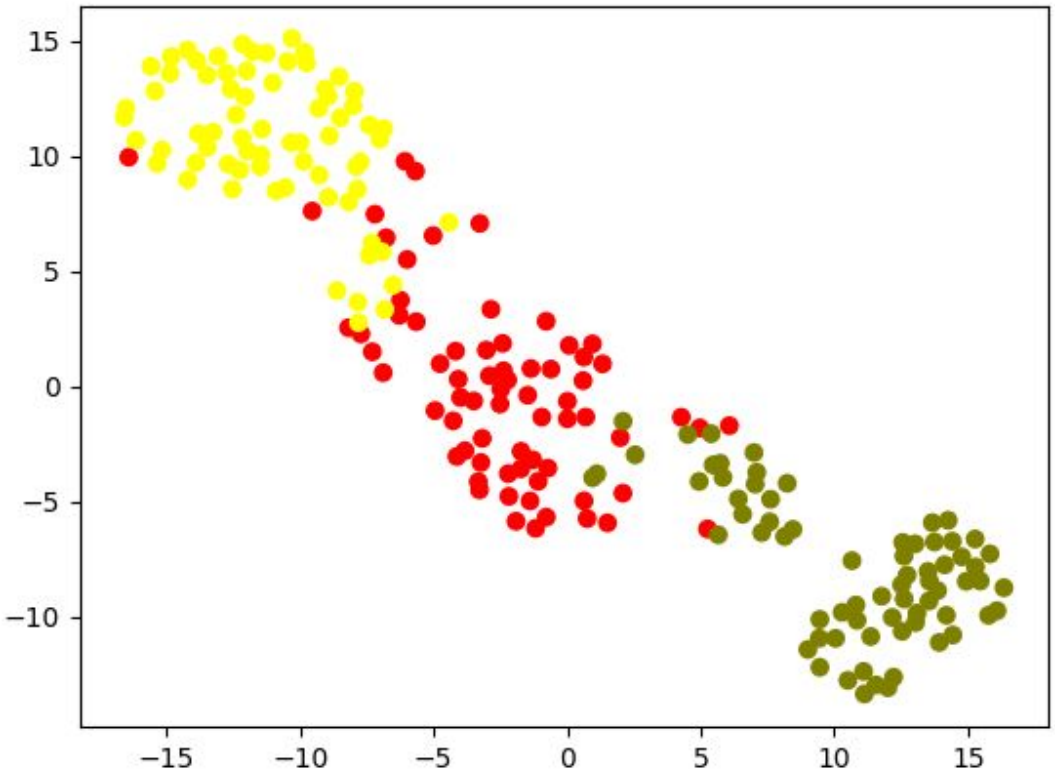


Objective Function vs Iteration Number

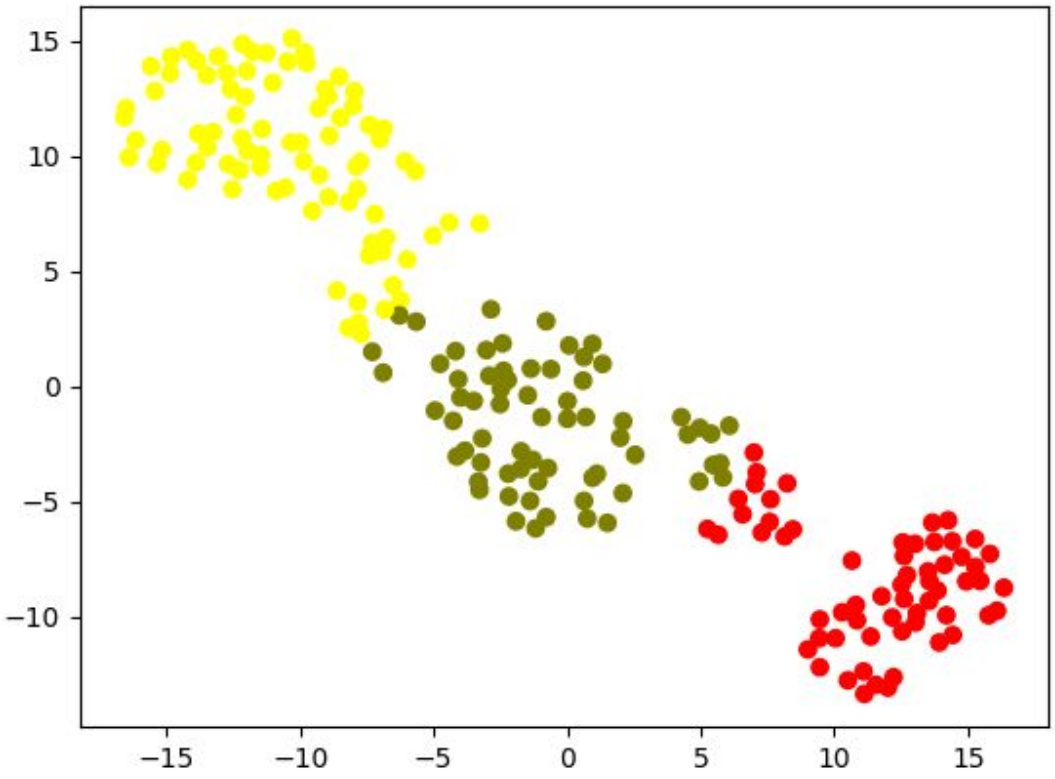


2. Seeds Dataset

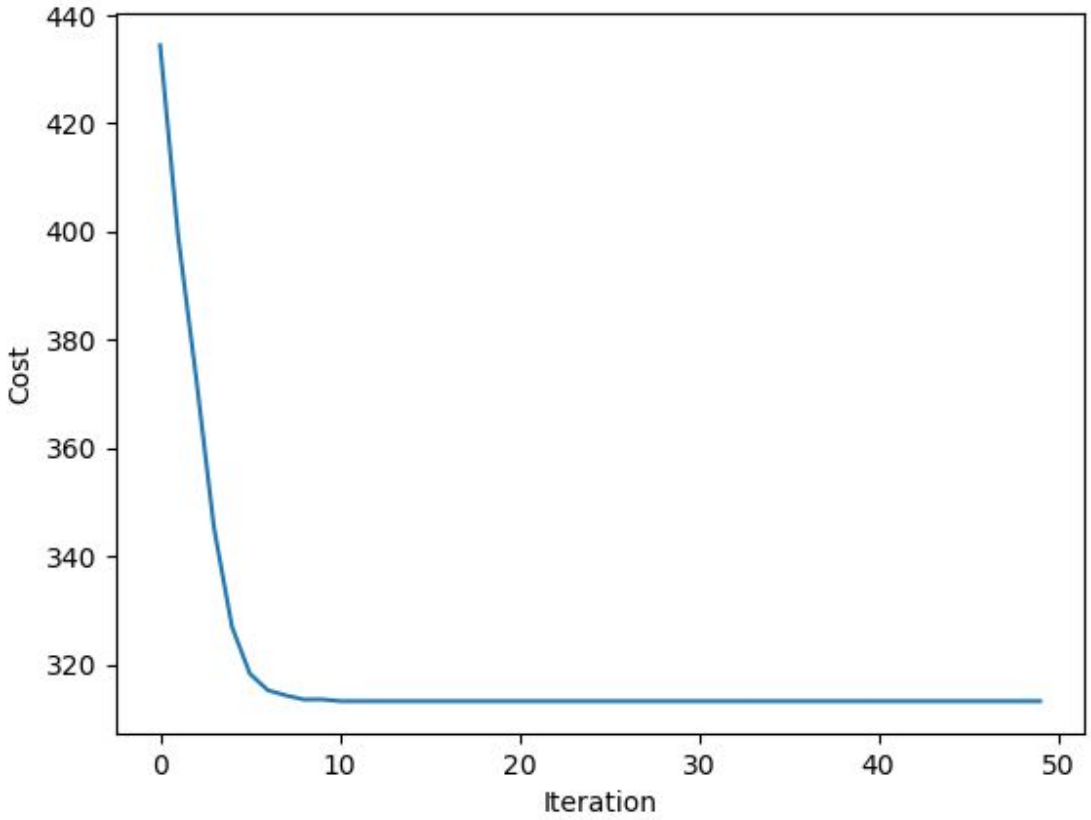
Before kmeans



After Kmeans

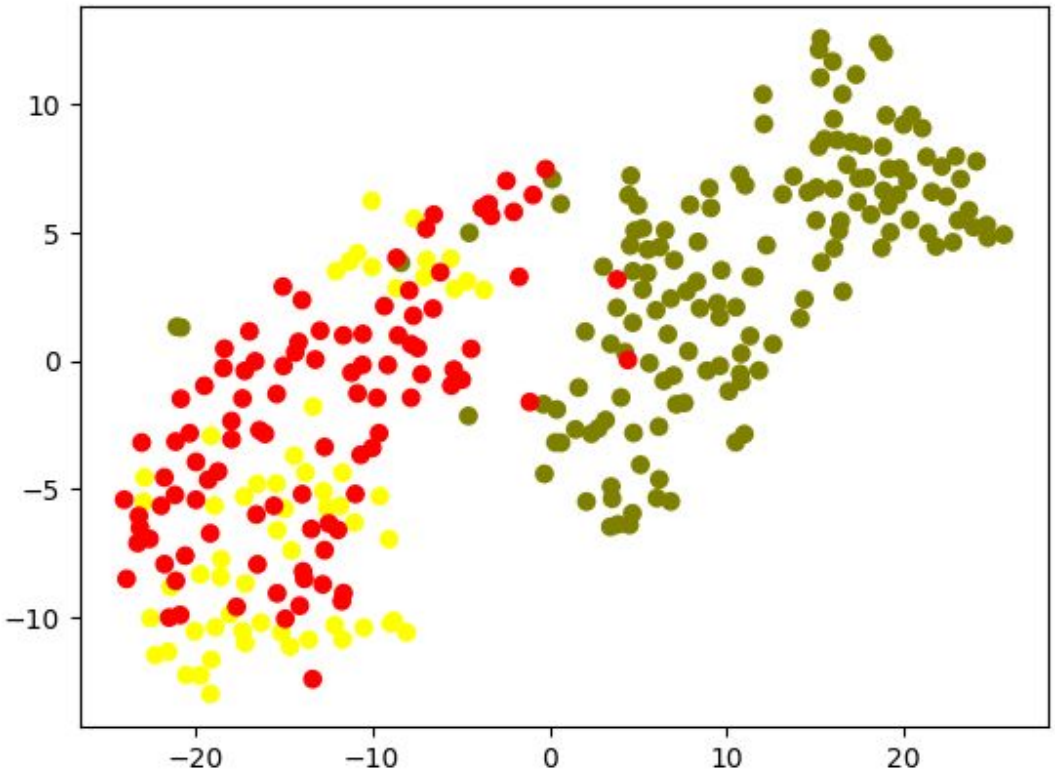


Objective Function vs Iteration Number

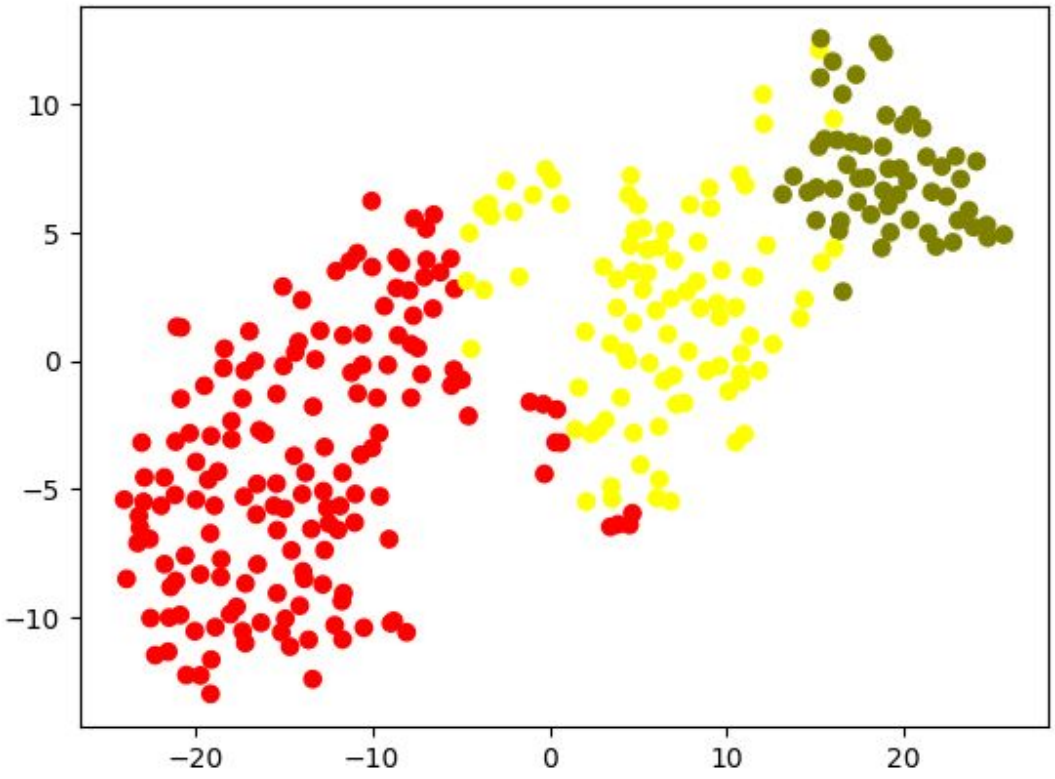


3. Coloumn Dataset

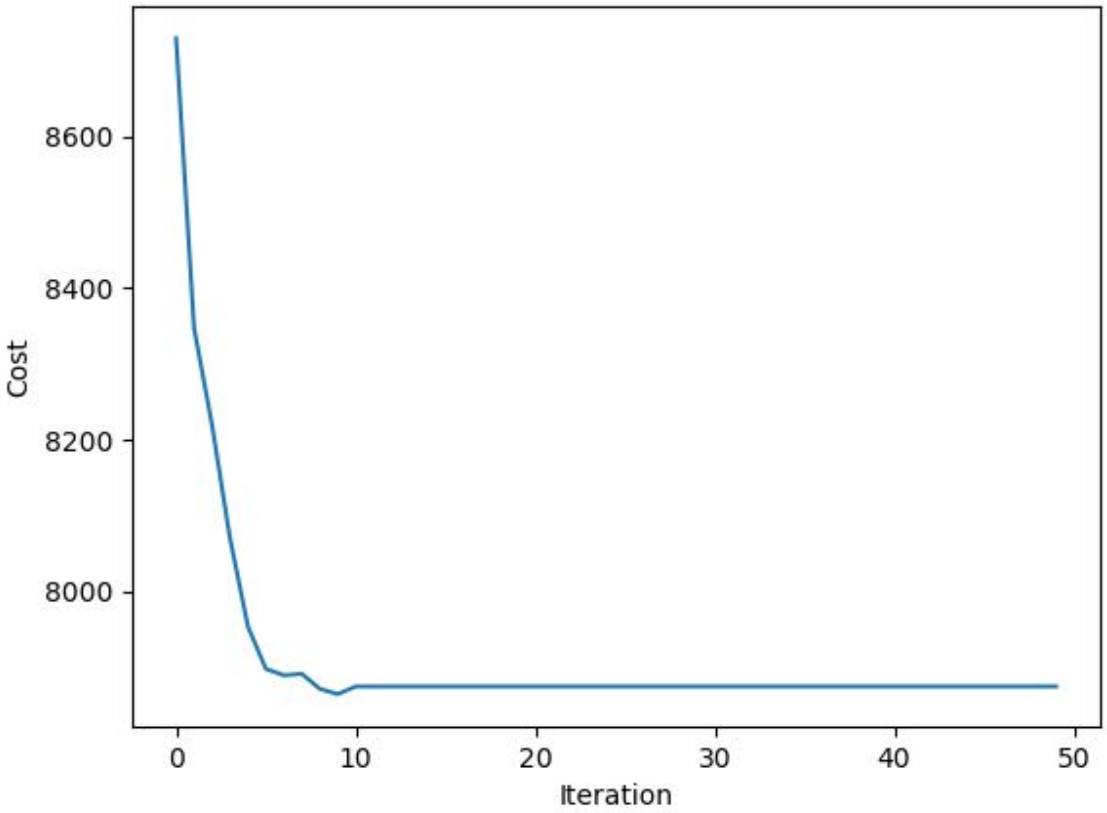
Before Kmeans



After Kmeans

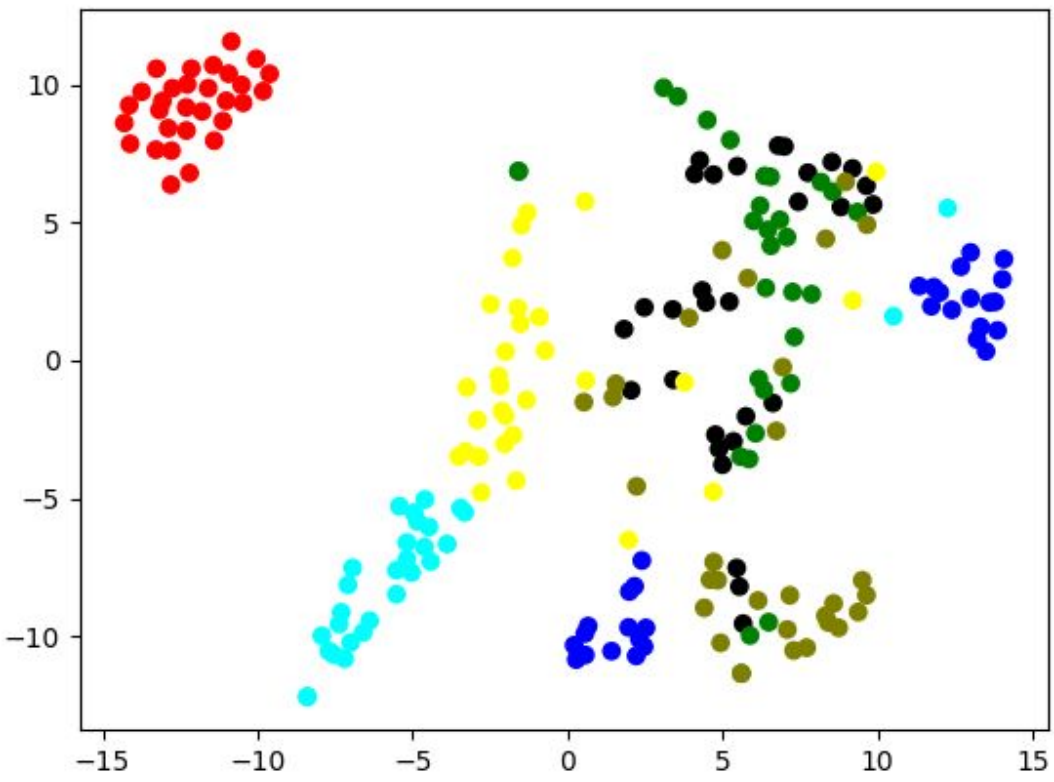


Objective Function vs Iteration Number

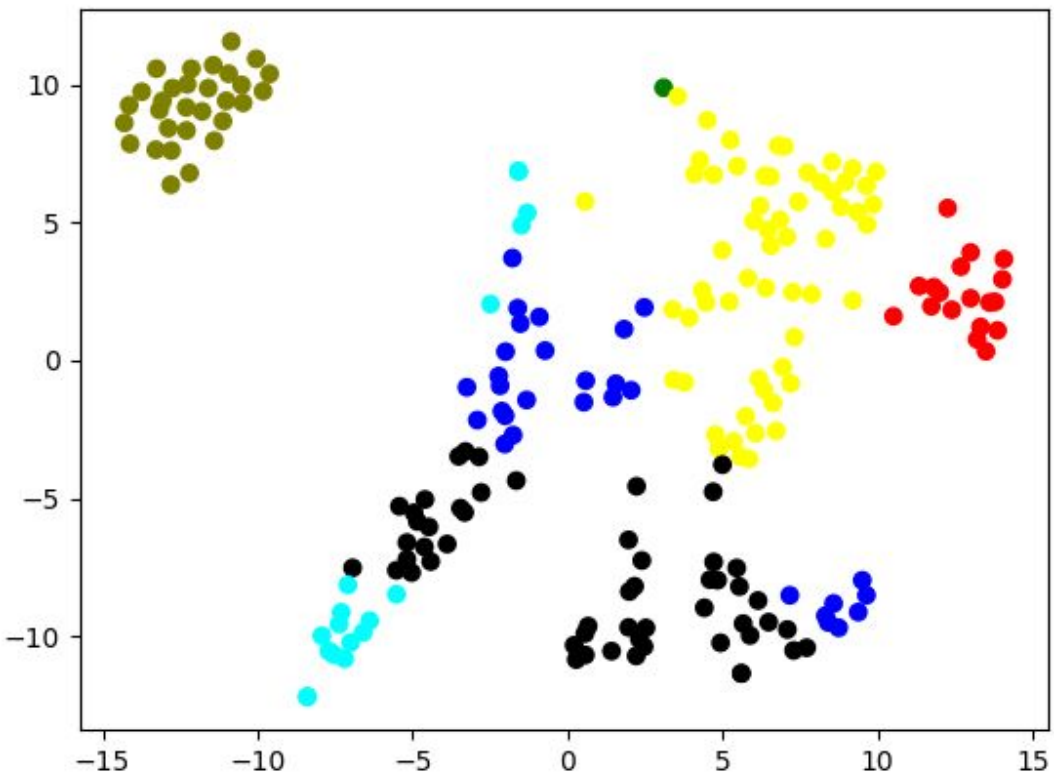


4. Segmentation

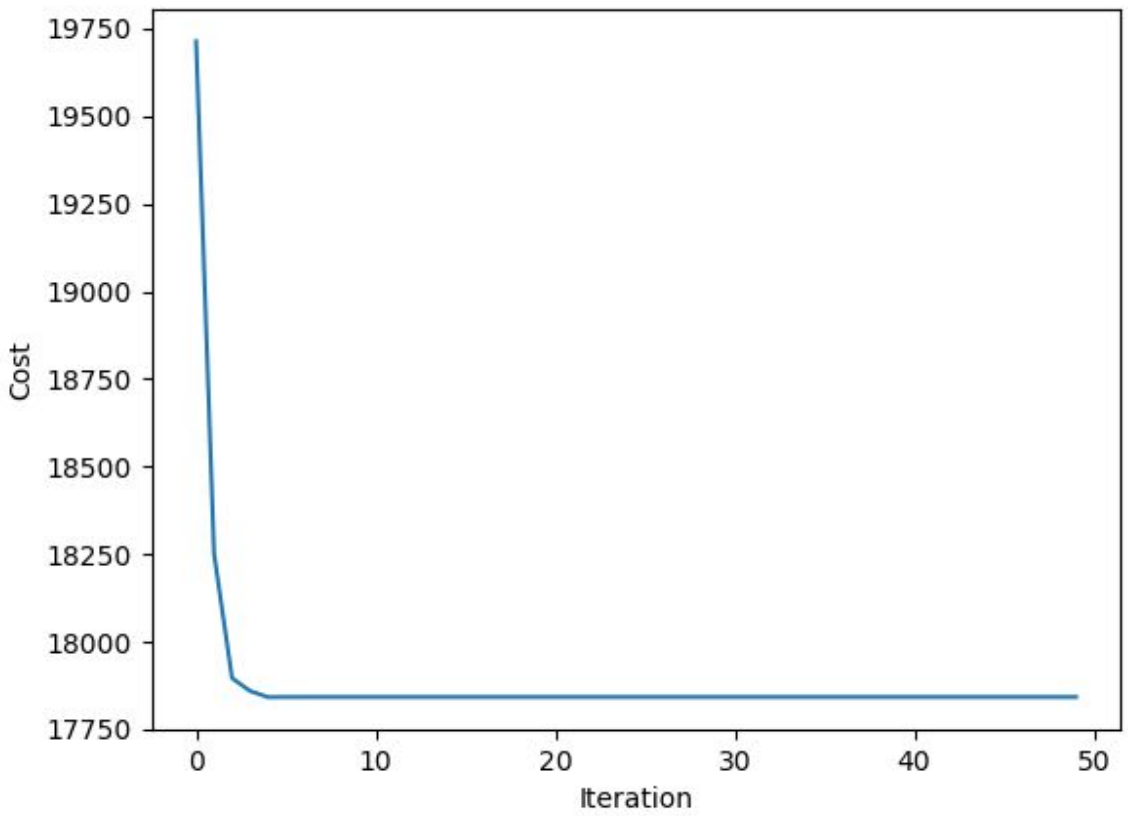
Before Segmentation



After Segmentation



Objective Function vs Iteration Number



Data	K=2			K= True Value			K=12		
	ARI	NMI	AMI	ARI	NMI	AMI	ARI	NMI	AMI
Iris	0.539921829421	0.679322701116	0.519360805606	0.665919394275	0.720617426702	0.700680096063	0.334232641542	0.626916076096	0.409870320001
Segmentation	0.081509951468	0.283909099981	0.135697992291	0.337095752045	0.514785232556	0.466425943921	0.348412236035	0.576632482558	0.491113404101
Seeds	0.467615297043	0.552094017453	0.428419507542	0.714108597149	0.700983266183	0.696423091426	0.265247190893	0.520884852835	0.337268455705
Vertebral	0.295430 68676	0.422754796323	0.332974727708	0.311620347463	0.420964329261	0.412802244725	0.194862501667	0.407259232338	0.260910046844

Theory Question