technique using python language.

Code:

```python
import numpy as pd
import pandas as pd
from matplotlib import pyplot as plt
from sklearn.datasets.samples-generator
                    import make-blobs
from sklearn.cluster import kmeans
X,y = make_blobs(n_samples = 300, centers=4,
cluster_std = 0.60, random_state =0)
plt.scatter(X[:,0], X[:,1])
wcss = []

for i in range(1,11):
kmeans = kmeans(n_clusters = i,
    init = 'k-means ++', max_iter =300,
    n-init = 10, random_state =0)
kmeans.fit()
wcss.append(kmeans.inertia_)
plt.plot(range(1,11),wcss)
plt.title('Elbow Method')
plt.xlabel('Number of clusters')
plt.ylabel('wcss')
plt.show()
kmeans = kmeans(n-clusters=4,
init ='k-means ++', max_iter=300,
n-init =10, random_state=0
```
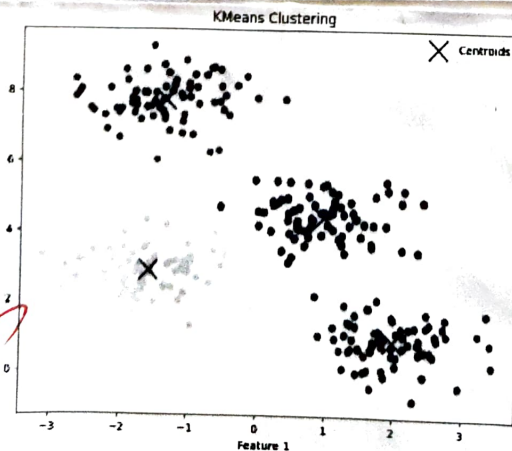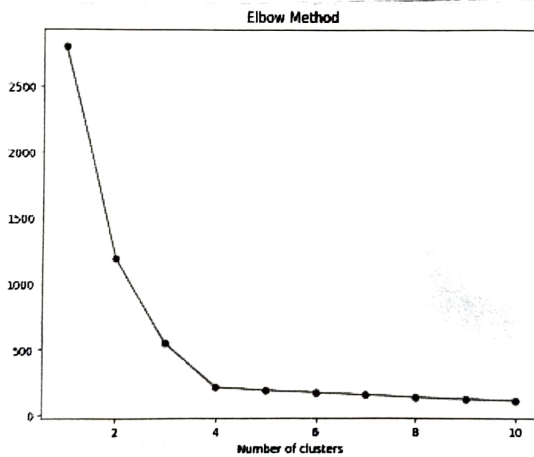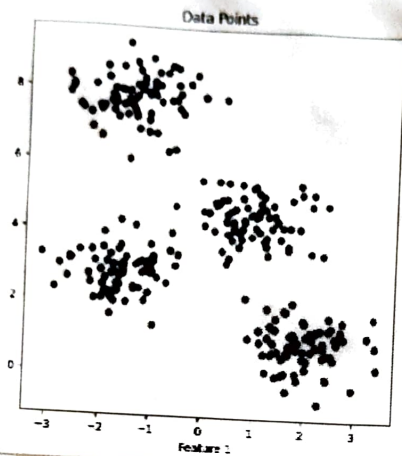
plt. Scatter (Kmeans.cluster.centers.[:,0],
    Kmeans.cluster-Centers[:,1],S=300,
        c = 'red')

Plt.show().

Data Points

Elbow Method

KMeans Clustering

Result : Implementation Of Clustering technique Kmeans
    is executed successfully