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import numpy as np
X=np.array([[34,56],[45,78],[78,98],[54,67],[89,89],[34,67]])

from sklearn.cluster import KMeans
Kmeans=KMeans(n_clusters=4,random_state=0)
Kmeans.fit(X)
labels=Kmeans.labels_
print(labels)

[3 2 1 0 1 3]

import matplotlib.pyplot as plt

plt.scatter(X[:,0],X[:,1],c=labels)
plt.scatter(Kmeans.cluster_centers_[:,0],Kmeans.cluster_centers_[:,1],
marker="X",s=200)

<matplotlib.collections.PathCollection at 0x7d32ef14afc0>
```

