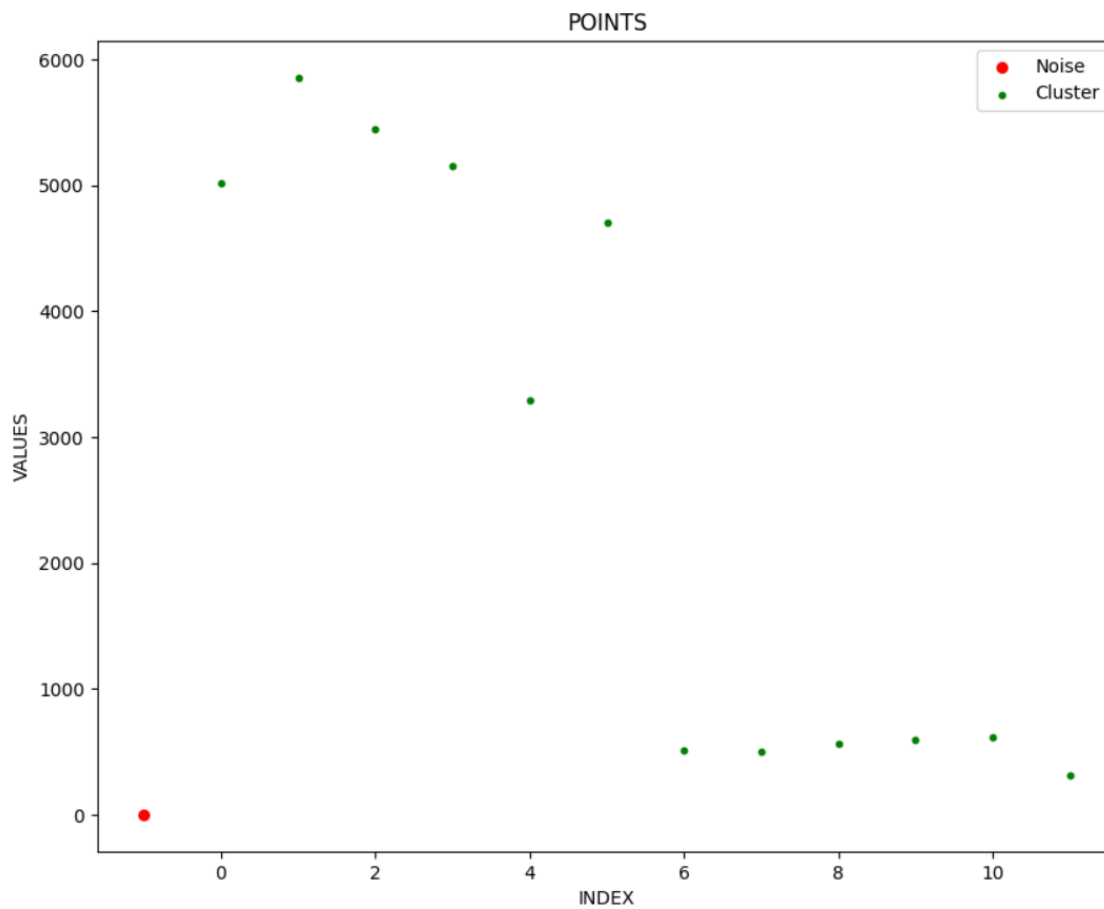
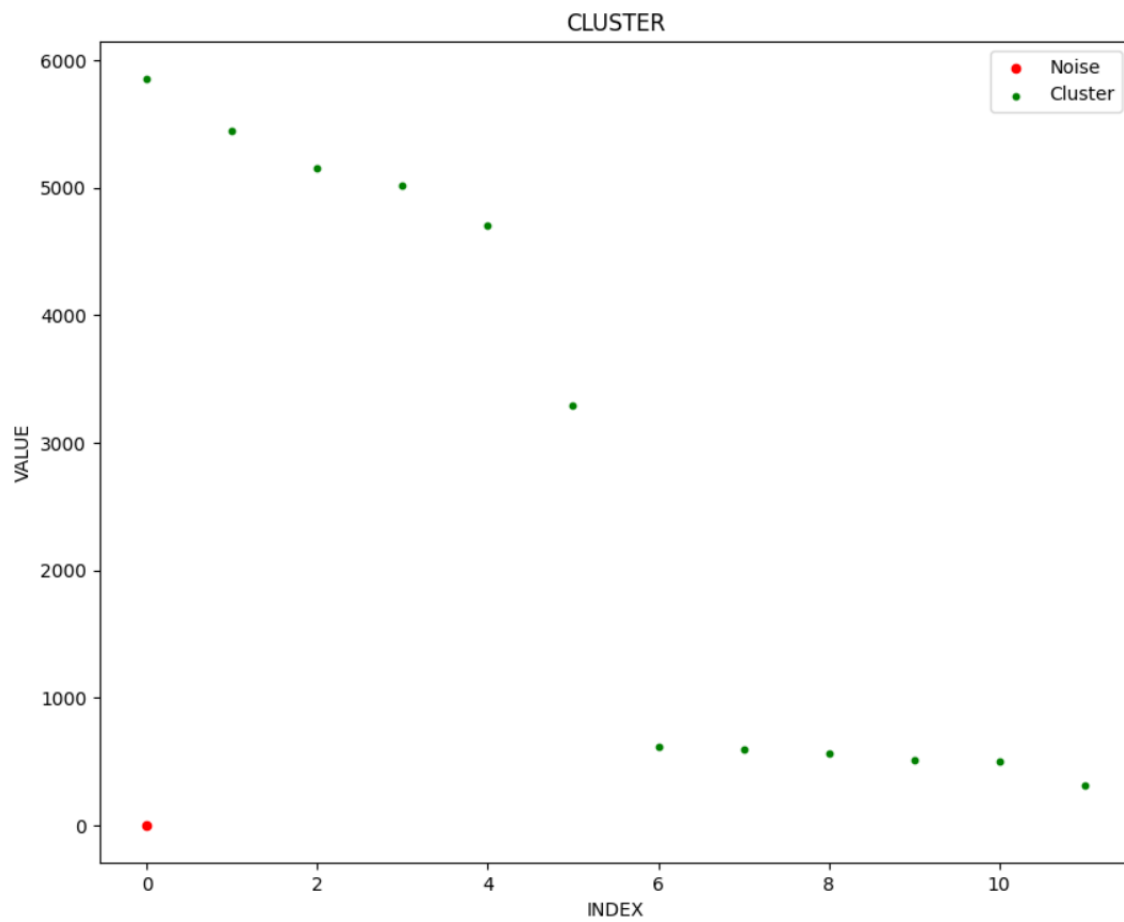


```
plt.figure(figsize=(10, 8))
plt.scatter(label[label == -1], label[label == -1], c='red', s=20, label='Noise')
plt.scatter(label[label != -1], label[label != -1], c='green', s=10, label='Cluster')
plt.legend()
plt.xlabel('INDEX')
plt.ylabel('VALUES')
plt.title('LABEL')
plt.show()
```



```
plt.figure(figsize=(10, 8))
plt.scatter(points.index[points.index == -1], points[points.index == -1], c='red', s=30, label='Noise')
plt.scatter(points.index[points.index != -1], points[points.index != -1], c='green', s=10, label='Cluster')
plt.xlabel('INDEX')
plt.ylabel('VALUES')
plt.legend()
plt.title('POINTS')
plt.show()
```



```
plt.figure(figsize=(10,8))
plt.scatter(np.arange(len(c_index[c_index == -1])), c_value[c_index==-1], c='red', s=20, label='Noise')
plt.scatter(np.arange(len(c_index[c_index != -1])), c_value[c_index != -1], c='green', s=10, label='Cluster')
plt.legend()
plt.xlabel('INDEX')
plt.ylabel('VALUE')
plt.title('CLUSTER')
plt.show()
```