```
C:\Users\Prave\Downloads\ML_CLG\ex11>python part.py
Sample data:
   CustomerID  Age  Gender  Annual_Income  Spending_Score
0           1   19  Female          15000              85
1           2   25    Male          35000              60
2           3   31  Female          40000              70
3           4   45    Male          80000              30
4           5   23  Female          25000              78

Cluster centers (scaled):
 [[ 0.66149509  0.85639965  0.6         0.83316217 -0.86820021]
 [-0.52223297 -0.84832041 -1.         -0.87001358  0.997257  ]
 [-1.21854359 -0.88871662  1.         -0.68575656  0.35197306]]

Cluster labels:
 Cluster
0    5
1    4
2    1
Name: count, dtype: int64

Cluster Summary:
        CustomerID  Age  Gender  Annual_Income  Spending_Score
Cluster
0              7.4  46.6     0.8        82400.0           34.00
1              4.0  25.5     0.0        29250.0           73.75
2              2.0  25.0     1.0        35000.0           60.00
```


Customer Segments (K-Means Clustering)