

Dataprocessing:

The screenshot displays a data processing application window. At the top, there is a menu bar with options: File, Edit, View, Format, Simulation, and Results. Below the menu bar, there are several tabs: Data, Variables, and Results. The Data tab is currently active, showing a list of files in the left pane and a data table in the right pane. The data table has columns labeled 'id', 'name', 'age', and 'gender'. The first row of data shows '1', 'male', '18', and 'male'. The second row shows '2', 'female', '17', and 'female'. Below the data table, there is a visualization area with two side-by-side plots. The left plot is a solid cyan rectangle. The right plot is a stacked bar chart with three segments: cyan at the top, red in the middle, and blue at the bottom. The status bar at the bottom of the window shows 'Data: 10' and 'Results: 10'.

id	name	age	gender
1	male	18	male
2	female	17	female

Interquartile range:

[illegible]

Normalize:

[illegible]

Classification(Bayes):

[illegible]

EM :

Weka Explorer

Preprocess Classify Cluster Associate Search/Visualize Visualize

Cluster mode

☒ Use training set

☐ Display test set

Percentage split

Cluster to cluster evaluation

Form cluster names

☒ More details for visualization

Cluster output

Cluster	N	P
0	10.000	0.000
1	10.000	0.000
2	10.000	0.000
3	10.000	0.000
4	10.000	0.000
5	10.000	0.000
6	10.000	0.000
7	10.000	0.000
8	10.000	0.000
9	10.000	0.000
10	10.000	0.000
11	10.000	0.000
12	10.000	0.000
13	10.000	0.000
14	10.000	0.000
15	10.000	0.000
16	10.000	0.000
17	10.000	0.000
18	10.000	0.000
19	10.000	0.000
20	10.000	0.000
21	10.000	0.000
22	10.000	0.000
23	10.000	0.000
24	10.000	0.000
25	10.000	0.000
26	10.000	0.000
27	10.000	0.000
28	10.000	0.000
29	10.000	0.000
30	10.000	0.000
31	10.000	0.000
32	10.000	0.000
33	10.000	0.000
34	10.000	0.000
35	10.000	0.000
36	10.000	0.000
37	10.000	0.000
38	10.000	0.000
39	10.000	0.000
40	10.000	0.000
41	10.000	0.000
42	10.000	0.000
43	10.000	0.000
44	10.000	0.000
45	10.000	0.000
46	10.000	0.000
47	10.000	0.000
48	10.000	0.000
49	10.000	0.000
50	10.000	0.000
51	10.000	0.000
52	10.000	0.000
53	10.000	0.000
54	10.000	0.000
55	10.000	0.000
56	10.000	0.000
57	10.000	0.000
58	10.000	0.000
59	10.000	0.000
60	10.000	0.000
61	10.000	0.000
62	10.000	0.000
63	10.000	0.000
64	10.000	0.000
65	10.000	0.000
66	10.000	0.000
67	10.000	0.000
68	10.000	0.000
69	10.000	0.000
70	10.000	0.000
71	10.000	0.000
72	10.000	0.000
73	10.000	0.000
74	10.000	0.000
75	10.000	0.000
76	10.000	0.000
77	10.000	0.000
78	10.000	0.000
79	10.000	0.000
80	10.000	0.000
81	10.000	0.000
82	10.000	0.000
83	10.000	0.000
84	10.000	0.000
85	10.000	0.000
86	10.000	0.000
87	10.000	0.000
88	10.000	0.000
89	10.000	0.000
90	10.000	0.000
91	10.000	0.000
92	10.000	0.000
93	10.000	0.000
94	10.000	0.000
95	10.000	0.000
96	10.000	0.000
97	10.000	0.000
98	10.000	0.000
99	10.000	0.000

Association Rule:

Apriori:

The screenshot shows the WEKA software interface with the Apriori algorithm results displayed. The 'Results' tab is selected, and the 'Apriori' algorithm is chosen from the 'Classifiers' list. The results pane shows the following information:

Variable subset:

- all
- apartment, parking
- cellar, wine
- location, price
- location, area

Association rules (with confidence and lift):

Results: none

Number of rules: 11 (1 association)

Support: Apriori (confidence): 0.5

Number of rules: 11 (1 association)

Association rules (with confidence and lift):

Rule 1: all (confidence: 0.5, lift: 1.0)

Rule 2: all (confidence: 0.5, lift: 1.0)

Rule 3: all (confidence: 0.5, lift: 1.0)

Rule 4: all (confidence: 0.5, lift: 1.0)

Rule 5: all (confidence: 0.5, lift: 1.0)

Rule 6: all (confidence: 0.5, lift: 1.0)

Rule 7: all (confidence: 0.5, lift: 1.0)

Rule 8: all (confidence: 0.5, lift: 1.0)

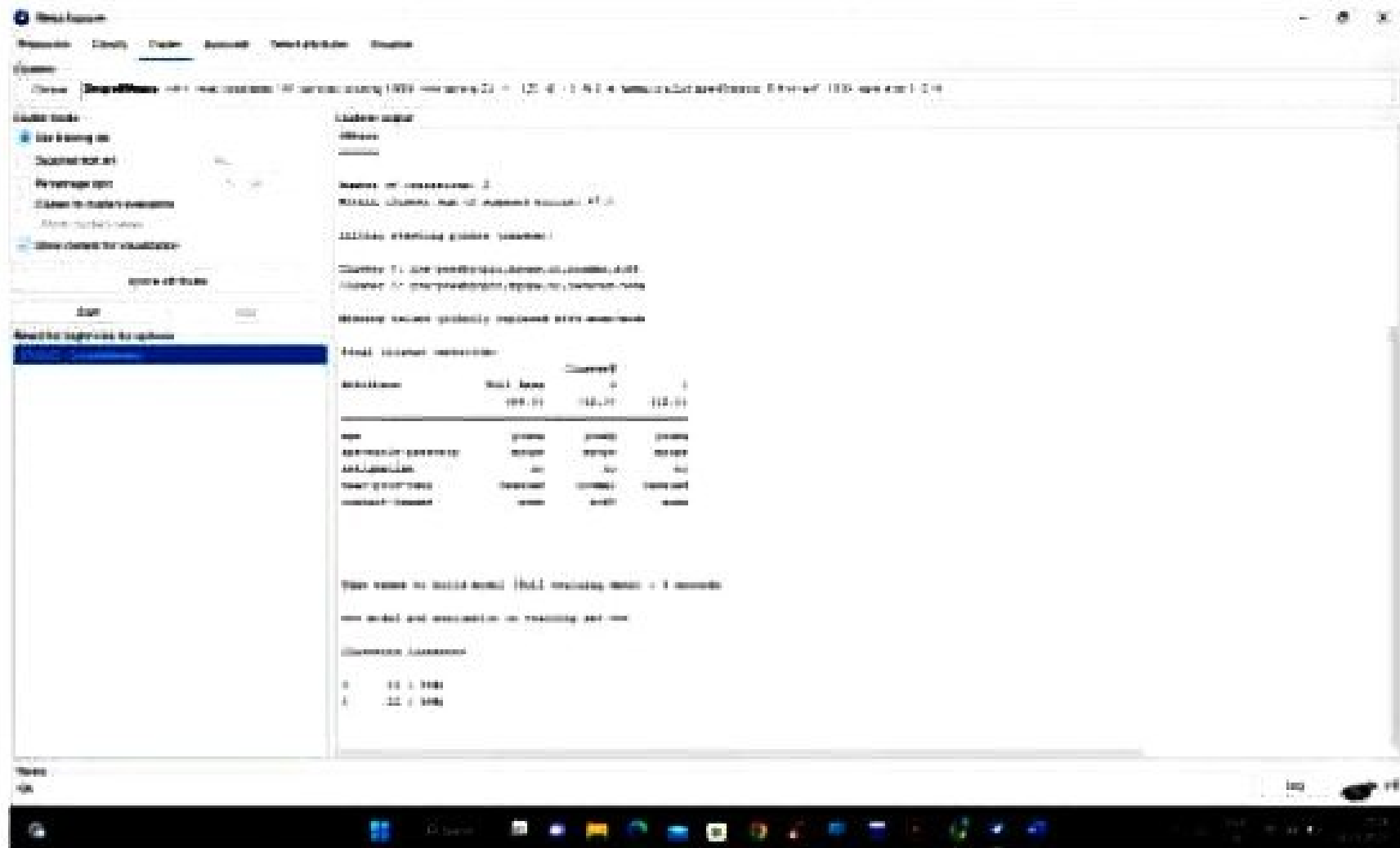
Rule 9: all (confidence: 0.5, lift: 1.0)

Rule 10: all (confidence: 0.5, lift: 1.0)

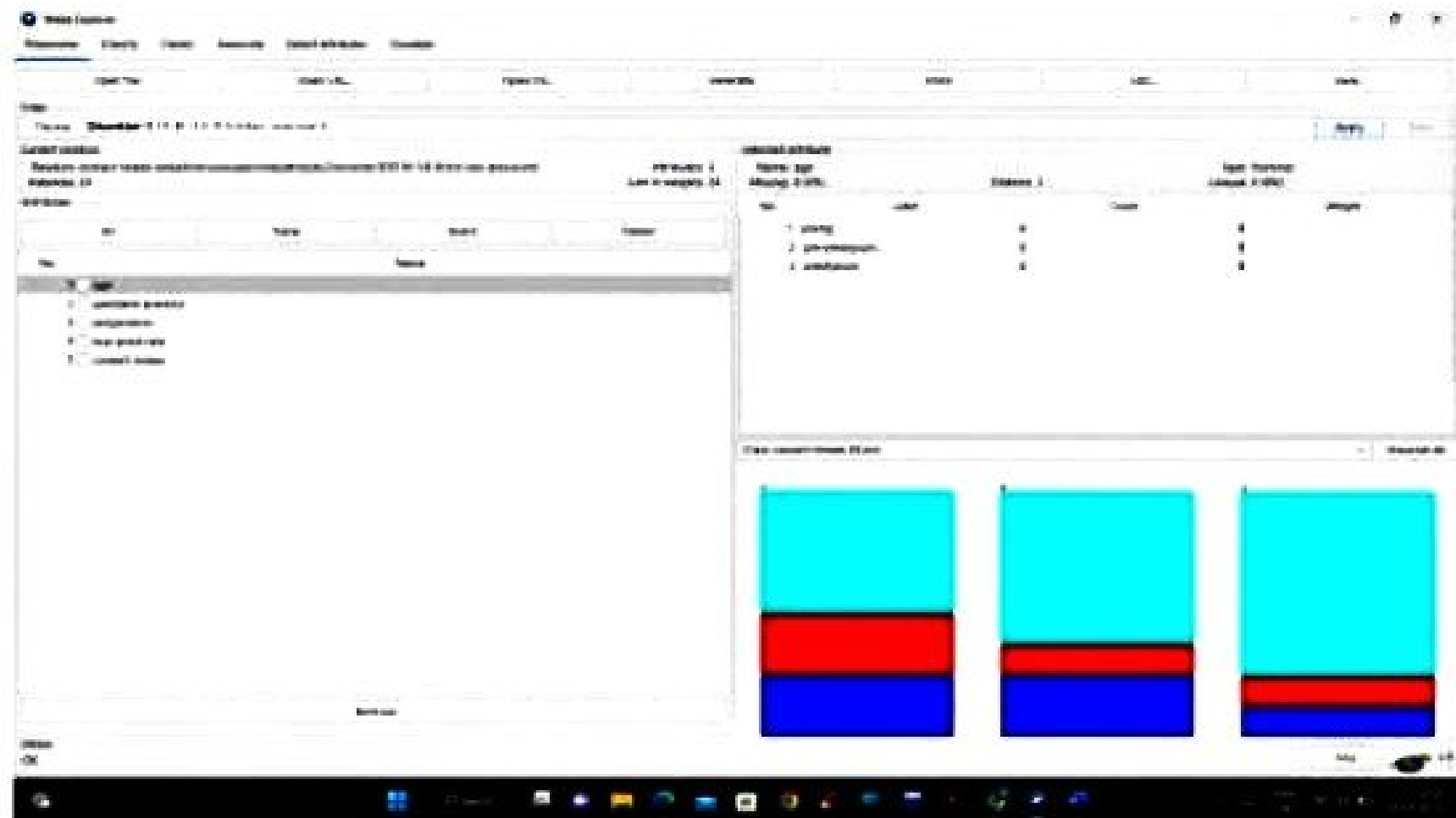
Rule 11: all (confidence: 0.5, lift: 1.0)

The bottom of the interface shows the 'Data' tab with a table of 10 rows and 11 columns. The columns are: location, area, price, location, area, price, location, area, price, location, area. The rows contain various combinations of values for these attributes.

K-means:



DISCRETIZE:



Decision tree classification

