

Filter

Choose **Center** Apply

Current relation

Relation: HousePrice_data

Instances: 4600

Attributes: 18

Attributes

All None Invert Pattern

No.	Name
1	<input checked="" type="checkbox"/> date
2	<input type="checkbox"/> price
3	<input type="checkbox"/> bedrooms
4	<input type="checkbox"/> bathrooms
5	<input type="checkbox"/> sqft_living
6	<input type="checkbox"/> sqft_lot
7	<input type="checkbox"/> floors
8	<input type="checkbox"/> waterfront
9	<input type="checkbox"/> view
10	<input type="checkbox"/> condition
11	<input type="checkbox"/> sqft_above
12	<input type="checkbox"/> sqft_basement
13	<input type="checkbox"/> yr_built
14	<input type="checkbox"/> yr_renovated
15	<input type="checkbox"/> street
16	<input type="checkbox"/> city
17	<input type="checkbox"/> statezip
18	<input type="checkbox"/> country

Remove

Selected attribute

Name: date

Missing: 0 (0%)

Distinct: 70

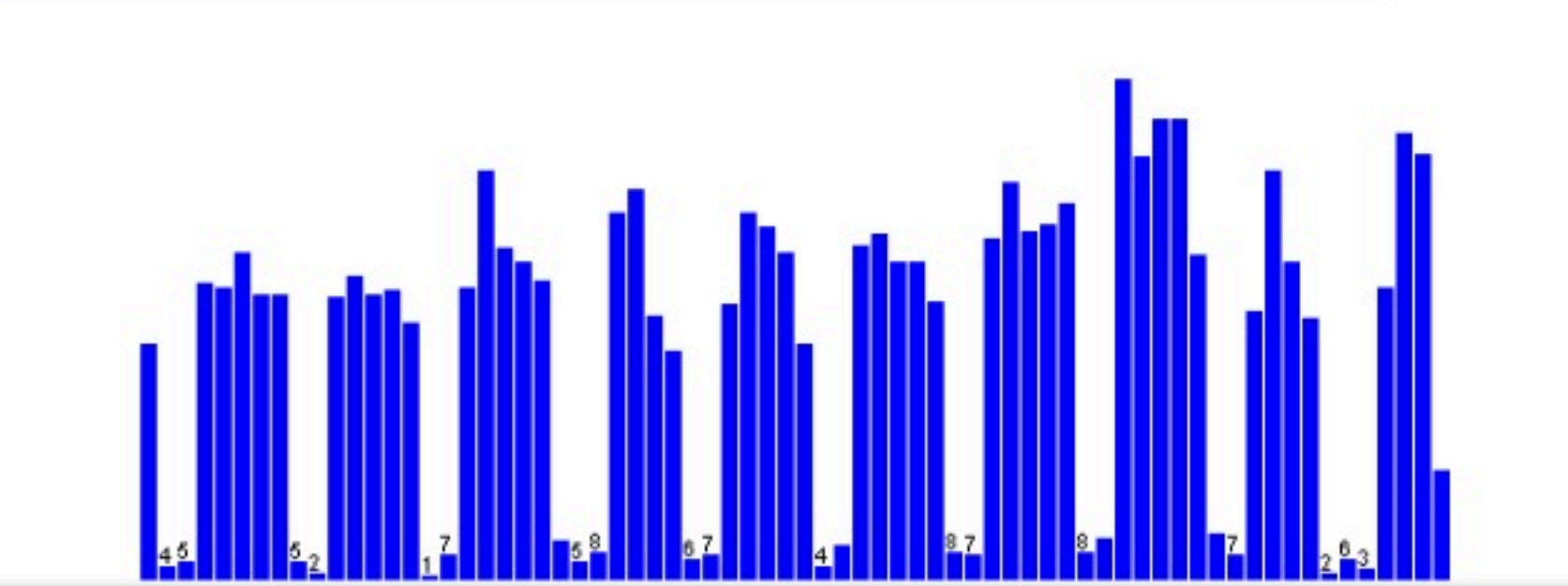
Type: Nominal

Unique: 1 (0%)

No.	Label	Count
1	02-05-2014 00:00	67
2	03-05-2014 00:00	4
3	04-05-2014 00:00	5
4	05-05-2014 00:00	84
5	06-05-2014 00:00	83
6	07-05-2014 00:00	93
7	08-05-2014 00:00	81
8	09-05-2014 00:00	81
9	10-05-2014 00:00	5
10	11-05-2014 00:00	2
11	12-05-2014 00:00	80
12	13-05-2014 00:00	86

Class: country (Nom)

Visualize All



Clusterer

 EM -I 100 -N -1 -M 1.0E-6 -S 100

Cluster mode

- ☐ Use training set
- ☐ Supplied test set
- ☐ Percentage split %
- ☒ Classes to clusters evaluation
-
- ☒ Store clusters for visualization

Result list (right-click for options)

22:03:42 - SimpleKMeans

22:04:07 - EM

Clusterer output

EM

==

Number of clusters selected by cross validation: 10

Attribute	Cluster						
	0	1	2	3	4	5	6
	(0.32)	(0.05)	(0.06)	(0.13)	(0.05)	(0.03)	(0.07)
=====							
price							
mean	501899.9686	909068.0765	294543.0805	600950.6591	352278.5079	644684.3448	523791.1131
std. dev.	248069.7961	458894.4624	108236.27	201939.2176	110658.1137	286654.4785	1653874.3502
bedrooms							
mean	3.2338	3.9746	3.2721	3.7606	3.4513	3.6232	3.3226
std. dev.	0.8978	0.8081	0.6616	0.5829	0.7547	0.7436	0.7058
bathrooms							
mean	2.0996	2.6015	1.8232	2.6536	2.0869	2.355	2.1226
std. dev.	0.6877	0.7705	0.5061	0.3794	0.6335	0.6532	0.4827
sqft_living							
mean	1857.3637	2971.6344	1697.038	2804.2896	1991.4737	2345.3862	1963.8179
std. dev.	664.4048	991.5843	479.0395	657.331	640.0726	846.2241	546.9297
sqft_lot							
mean	6580.6595	14062.2172	17295.2874	16464.6406	10017.0354	9180.8916	23265.2603
std. dev.	4479.5772	8470.4667	17045.3872	25353.4041	9439.4266	4006.875	32740.6902

Status

Clustering training data...



x 1

Weka Explorer

Preprocess

Classify

Cluster

Associate

Select attributes

Visualize

Clusterer

Choose

EM -I 100 -N -1 -M 1.0E-6 -S 100

Cluster mode

☐ Use training set

☐ Supplied test set

☐ Percentage split

☒ Classes to clusters evaluation

Set...

% 66

(Nom) date

☒ Store clusters for visualization

Ignore attributes

Start

Stop

Result list (right-click for options)

22:03:42 - SimpleKMeans

22:04:07 - EM

Clusterer output

WA 98028	20.8778	1.1626	9.537	22.1527	1.01	1.0099	1.2625
WA 98148	7.3703	1.0003	1.474	1.7881	1.0074	1.0063	1.0226
WA 98057	5.389	1.0235	1.0017	1.0011	7.1424	1.0013	1.0041
WA 98040	31.1228	1.402	1.0233	1.1971	1.0247	7.7185	3.8941
WA 98010	3.498	1	1.0103	1.9343	1.0101	1.0012	2.8128
WA 98051	1.9986	1	1.0866	3.0057	1.0153	1	2.6056
WA 98031	3.8959	1.0013	1.0029	1.0428	1.0008	1.0011	63.7427
WA 98109	19.9996	1.1426	1	1	1	1.0002	1
WA 98030	1.9829	1.0014	1.0021	1.1076	1.0014	1.0005	40.8078
WA 98126	32	1.0199	1.0049	1.0153	1.1051	1.0236	1.6814
WA 98032	4.3019	1.0038	1.0029	1.1481	1.0158	1.0101	16.3321
WA 98178	22	1.9025	1.0001	1.7598	1.079	1.0517	1.0485
WA 98288	1.4276	1.0001	1.4207	1.6627	1.0196	1	1.4693
WA 98108	23	1.0004	1.0049	1.0004	1.0479	1.0093	1.795
WA 98070	6.4427	1.0087	3.8438	1.1129	1.0326	1.0047	2.5695
WA 98188	9.4984	1.001	1.0978	4.0976	1.0022	1.0009	1.3309
WA 98002	12.3489	1.0311	24.4624	1.3833	1.0059	1.0028	1.031
WA 98039	2.4023	5.3871	1.0033	1.2569	1.0007	1.0168	1.1976
WA 98022	14.8981	1.0055	2.0144	1	1.0016	1.0004	4.0071
WA 98068	1	1.002	1.002	1.0194	1.0596	1.1338	1.3594
WA 98047	5.3355	1	1.0776	1.1419	1.005	1.0013	1.6378
WA 98050	1	1	1.0001	1.0019	1.0001	1	1.0008
WA 98354	2.8822	1	1.1059	1	1.0002	1.0001	1.0116
[total]	1544.4882	314.7746	335.1834	686.5508	291.5714	229.0231	391.1063
country							
USA	1468.4882	238.7746	259.1834	610.5508	215.5714	153.0231	315.1063
[total]	1468.4882	238.7746	259.1834	610.5508	215.5714	153.0231	315.1063

Time taken to build model (full training data) : 133.72 seconds

Status

Clustering training data...

Log

x 1

Type here to search

22:08

10-01-2023