

RESULTADOS DOS PROCESSAMENTOS GERADOS PELO SOFTWARE WEKA

TAREFA ASSOCIAÇÃO – ALGORITMO APRIORI

Conjunto de dados: Município de Nilópolis (RJ)

Primitiva geométrica: Área

Itens configurados	Valor utilizado
<i>metricType</i>	<i>Confidence</i> (Confiança)
<i>MinMetric</i>	0,25 (=25%)
<i>numRules</i>	100
<i>lowerBoundMinSupport</i>	0,05 (=5%)
<i>upperBoundMinSupport</i>	1,0 (=100%)
<i>delta</i>	0,05 (=5%)
<i>outputItemSets</i>	<i>True</i> (Verdadeiro)

PROCESSAMENTO 02

Classe da EDGV v2.3.1: **Cemiterio**

Tag do OSM: **amenity = grave_yard**

=== Run information ===

Scheme: weka.associations.Apriori -I -N 100 -T 0 -C 0.25 -D 0.05 -U 1.0 -M 0.05 -S -1.0 -c -1

Relation: nilopolis_osm_ar_rec_processado_binary2-
weka.filters.unsupervised.attribute.NumericToNominal-Rfirst-last-
weka.filters.unsupervised.attribute.StringToNominal-Rfirst-last-
weka.filters.unsupervised.attribute.Remove-R1-2,4-5,7-57

Instances: 123

Attributes: 2

name

amenity

=== Associator model (full training set) ===

No large itemsets and rules found!

PROCESSAMENTO 08

Classe da EDGV v2.3.1: **Cemiterio**

Tag do OSM: **landuse = cemetery**

=== Run information ===

Scheme: weka.associations.Apriori -I -N 100 -T 0 -C 0.25 -D 0.05 -U 1.0 -M 0.05 -S -1.0 -c -1

Relation: nilopolis_osm_ar_rec_processado_binary2-
weka.filters.unsupervised.attribute.NumericToNominal-Rfirst-last-
weka.filters.unsupervised.attribute.StringToNominal-Rfirst-last-
weka.filters.unsupervised.attribute.Remove-R1-2,4-14,16-57

Instances: 123

Attributes: 2

name

landuse

=== Associator model (full training set) ===

No large itemsets and rules found!

PROCESSAMENTO 14

Classe da EDGV v2.3.1: **Edif_Constr_Lazer**

Tag do OSM: **leisure = pitch**

=== Run information ===

Scheme: weka.associations.Apriori -I -N 100 -T 0 -C 0.25 -D 0.05 -U 1.0 -M 0.05 -S -1.0 -c -1

Relation: nilopolis_osm_ar_rec_processado_binary2-
weka.filters.unsupervised.attribute.NumericToNominal-Rfirst-last-
weka.filters.unsupervised.attribute.StringToNominal-Rfirst-last-
weka.filters.unsupervised.attribute.Remove-R1-2,4-15,17-43,45-57

Instances: 123

Attributes: 3

name

leisure

surface

=== Associator model (full training set) ===

Apriori

=====

Minimum support: 0.05 (6 instances)

Minimum metric <confidence>: 0.25

Number of cycles performed: 19

Generated sets of large itemsets:

Size of set of large itemsets L(1): 2

Large Itemsets L(1):

name=1 60

leisure=1 23

Size of set of large itemsets L(2): 1

Large Itemsets L(2):

name=1 leisure=1 15

Best rules found:

1. leisure=1 23 ==> name=1 15 <conf:(0.65)> lift:(1.34) lev:(0.03) [3] conv:(1.31)
2. name=1 60 ==> leisure=1 15 <conf:(0.25)> lift:(1.34) lev:(0.03) [3] conv:(1.06)

PROCESSAMENTO 20

Classe da EDGV v2.3.1: **Edif_Constr_Lazer**

Tag do OSM: **leisure = sports_centre**

=== Run information ===

Scheme: weka.associations.Apriori -I -N 100 -T 0 -C 0.25 -D 0.05 -U 1.0 -M 0.05 -S -1.0 -c -1

Relation: nilopolis_osm_ar_rec_processado_binary2-
weka.filters.unsupervised.attribute.NumericToNominal-Rfirst-last-
weka.filters.unsupervised.attribute.StringToNominal-Rfirst-last-
weka.filters.unsupervised.attribute.Remove-R1-2,4-15,17-43,45-57

Instances: 123

Attributes: 3

name

leisure

surface

=== Associator model (full training set) ===

Apriori

=====

Minimum support: 0.05 (6 instances)

Minimum metric <confidence>: 0.25

Number of cycles performed: 19

Generated sets of large itemsets:

Size of set of large itemsets L(1): 2

Large Itemsets L(1):

name=1 60

leisure=1 23

Size of set of large itemsets L(2): 1

Large Itemsets L(2):

name=1 leisure=1 15

Best rules found:

1. leisure=1 23 ==> name=1 15 <conf:(0.65)> lift:(1.34) lev:(0.03) [3] conv:(1.31)
2. name=1 60 ==> leisure=1 15 <conf:(0.25)> lift:(1.34) lev:(0.03) [3] conv:(1.06)

PROCESSAMENTO 26

Classe da EDGV v2.3.1: **Edif_Comerc_Serv**

Tag do OSM: **building = commercial**

=== Run information ===

Scheme: weka.associations.Apriori -I -N 100 -T 0 -C 0.25 -D 0.05 -U 1.0 -M 0.05 -S -1.0 -c -1

Relation: nilopolis_osm_ar_rec_processado_binary2-
weka.filters.unsupervised.attribute.NumericToNominal-Rfirst-last-
weka.filters.unsupervised.attribute.StringToNominal-Rfirst-last-
weka.filters.unsupervised.attribute.Remove-R1-2,4-5,7-9,11-43,45-57

Instances: 123

Attributes: 4

name

amenity

building

surface

=== Associator model (full training set) ===

Apriori

=====

Minimum support: 0.05 (6 instances)

Minimum metric <confidence>: 0.25

Number of cycles performed: 19

Generated sets of large itemsets:

Size of set of large itemsets L(1): 2

Large Itemsets L(1):

name=1 60

building=1 49

Size of set of large itemsets L(2): 1

Large Itemsets L(2):

name=1 building=1 7

Best rules found:

PROCESSAMENTO 32

Classe da EDGV v2.3.1: **Edif_Religiosa**

Tag do OSM: **amenity = place_of_worship**

=== Run information ===

Scheme: weka.associations.Apriori -I -N 100 -T 0 -C 0.25 -D 0.05 -U 1.0 -M 0.05 -S -1.0 -c -1

Relation: nilopolis_osm_ar_rec_processado_binary2-
weka.filters.unsupervised.attribute.NumericToNominal-Rfirst-last-
weka.filters.unsupervised.attribute.StringToNominal-Rfirst-last-
weka.filters.unsupervised.attribute.Remove-R1-2,4-5,7-9,11-43,45-57

Instances: 123

Attributes: 4

name

amenity

building

surface

=== Associator model (full training set) ===

Apriori

=====

Minimum support: 0.05 (6 instances)

Minimum metric <confidence>: 0.25

Number of cycles performed: 19

Generated sets of large itemsets:

Size of set of large itemsets L(1): 2

Large Itemsets L(1):

name=1 60

building=1 49

Size of set of large itemsets L(2): 1

Large Itemsets L(2):

name=1 building=1 7

Best rules found:

PROCESSAMENTO 38

Classe da EDGV v2.3.1: **Posto_Combustivel**

Tag do OSM: **amenity = fuel**

=== Run information ===

Scheme: weka.associations.Apriori -I -N 100 -T 0 -C 0.25 -D 0.05 -U 1.0 -M 0.05 -S -1.0 -c -1

Relation: nilopolis_osm_ar_rec_processado_binary2-
weka.filters.unsupervised.attribute.NumericToNominal-Rfirst-last-
weka.filters.unsupervised.attribute.StringToNominal-Rfirst-last-
weka.filters.unsupervised.attribute.Remove-R1-2,4-5,7-57

Instances: 123

Attributes: 2

name

amenity

=== Associator model (full training set) ===

No large itemsets and rules found!