

RESULTADOS DOS PROCESSAMENTOS GERADOS PELO SOFTWARE WEKA

TAREFA ASSOCIAÇÃO – ALGORITMO APRIORI

Conjunto de dados: Município do Rio de Janeiro (RJ)

Primitiva geométrica: Ponto

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 06

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: riodejaneiro_osm_pt_rec_processado_binary2-
weka.filters.unsupervised.attribute.NumericToNominal-Rfirst-last-
weka.filters.unsupervised.attribute.StringToNominal-Rfirst-last-
weka.filters.unsupervised.attribute.Remove-R1,3-65,67-110,113-599

Instances: 52231

Attributes: 4

name

amenity

denomination

religion

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

Apriori

=====

Minimum support: 0.05 (2612 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 13018

amenity=1 9575

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

Large Itemsets L(2):

name=1 amenity=1 5580

Best rules found:

1. amenity=1 9575 ==> name=1 5580 <conf:(0.58)> lift:(2.34) lev:(0.06) [3193] conv:(1.8)
2. name=1 13018 ==> amenity=1 5580 <conf:(0.43)> lift:(2.34) lev:(0.06) [3193] conv:(1.43)

PROCESSAMENTO 12

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: riodejaneiro_osm_pt_rec_processado_binary2-
weka.filters.unsupervised.attribute.NumericToNominal-Rfirst-last-
weka.filters.unsupervised.attribute.StringToNominal-Rfirst-last-
weka.filters.unsupervised.attribute.Remove-R1,3-49,51-110,113-145,147-599

Instances: 52231

Attributes: 5

name

alt_name

denomination

religion

landuse

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

No large itemsets and rules found!

PROCESSAMENTO 18

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: riodejaneiro_osm_pt_rec_processado_binary2-
weka.filters.unsupervised.attribute.NumericToNominal-Rfirst-last-
weka.filters.unsupervised.attribute.StringToNominal-Rfirst-last-
weka.filters.unsupervised.attribute.Remove-R1,3-49,51-73,75-133,135-138,140-167,169-599

Instances: 52231

Attributes: 6

name

alt_name

leisure

surface

description

short_name

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

No large itemsets and rules found!

PROCESSAMENTO 24

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: riodejaneiro_osm_pt_rec_processado_binary2-
weka.filters.unsupervised.attribute.NumericToNominal-Rfirst-last-
weka.filters.unsupervised.attribute.StringToNominal-Rfirst-last-
weka.filters.unsupervised.attribute.Remove-R1,3-49,51-54,56-73,75-133,135-138,140-167,169-599

Instances: 52231

Attributes: 7

name

alt_name

official_name

leisure

surface

description

short_name

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

No large itemsets and rules found!

PROCESSAMENTO 30

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: riodejaneiro_osm_pt_rec_processado_binary2-
weka.filters.unsupervised.attribute.NumericToNominal-Rfirst-last-
weka.filters.unsupervised.attribute.StringToNominal-Rfirst-last-
weka.filters.unsupervised.attribute.Remove-R1,3-49,51-54,56-65,67-133,135-138,140,142-167,169-599

Instances: 52231

Attributes: 8

name
alt_name
official_name
amenity
surface
description
building
short_name

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

Apriori

=====

Minimum support: 0.05 (2612 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 13018

amenity=1 9575

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

Large Itemsets L(2):

name=1 amenity=1 5580

Best rules found:

1. amenity=1 9575 ==> name=1 5580 <conf:(0.58)> lift:(2.34) lev:(0.06) [3193] conv:(1.8)
2. name=1 13018 ==> amenity=1 5580 <conf:(0.43)> lift:(2.34) lev:(0.06) [3193] conv:(1.43)

PROCESSAMENTO 36

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: riodejaneiro_osm_pt_rec_processado_binary2-
weka.filters.unsupervised.attribute.NumericToNominal-Rfirst-last-
weka.filters.unsupervised.attribute.StringToNominal-Rfirst-last-
weka.filters.unsupervised.attribute.Remove-R1,3-23,25-49,51-54,56-65,67-110,113-133,135-
138,140,142-167,169-599

Instances: 52231

Attributes: 11

name
name:pt
alt_name
official_name
amenity
denomination
religion
surface
description
building
short_name

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

Apriori

=====

Minimum support: 0.05 (2612 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 13018

amenity=1 9575

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

Large Itemsets L(2):

name=1 amenity=1 5580

Best rules found:

1. amenity=1 9575 ==> name=1 5580 <conf:(0.58)> lift:(2.34) lev:(0.06) [3193] conv:(1.8)
2. name=1 13018 ==> amenity=1 5580 <conf:(0.43)> lift:(2.34) lev:(0.06) [3193] conv:(1.43)

PROCESSAMENTO 42

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: riodejaneiro_osm_pt_rec_processado_binary2-
weka.filters.unsupervised.attribute.NumericToNominal-Rfirst-last-
weka.filters.unsupervised.attribute.StringToNominal-Rfirst-last-
weka.filters.unsupervised.attribute.Remove-R1,3-23,25-49,51-65,67-138,140-599

Instances: 52231

Attributes: 5

name

name:pt

alt_name

amenity

description

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

Apriori

=====

Minimum support: 0.05 (2612 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 13018

amenity=1 9575

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

Large Itemsets L(2):

name=1 amenity=1 5580

Best rules found:

1. amenity=1 9575 ==> name=1 5580 <conf:(0.58)> lift:(2.34) lev:(0.06) [3193] conv:(1.8)
2. name=1 13018 ==> amenity=1 5580 <conf:(0.43)> lift:(2.34) lev:(0.06) [3193] conv:(1.43)