Number of places to buy alcohol in a city

```
1  PREFIX osmo:
   <http://www.dei.unipd.it/database2/cutomOSMOntology#>
2  Select ?cityName ?roadName (count(?bars) as ?numberOfBars) where
3  {
4      ?bars a osmo:Amenity;
5          osmo:isOnRoad ?road;
6          osmo:isInCity ?city;
7          osmo:hasUse ?use.
8      ?city a osmo:City;
9          osmo:hasName ?cityName.
10     ?road a osmo:Road;
11         osmo:hasName ?roadName.
12     filter(?use IN
   ("bar","nightclub","restaurant","cafe;restaurant","internet_caffe
   ","cafe", "pub","stripclub"))
13 }
14 group by ?cityName ?roadName
15 order by desc(?numberOfBars)
16
17
18
```

Run

keyboard shortcuts

Filter query results

Showing results from 1 to 345 of 345. Query took 0.1s, minutes ago.

	cityName	roadName	numberOfBars
1	"Mira"	"Via Nazionale"	"6"^^xsd:integer
2	"Mirano"	"Via Cavin di Sala"	"6"^^xsd:integer
3	"Padova"	"Via Altinate"	"5"^^xsd:integer
4	"Mirano"	"Via Barche"	"5"^^xsd:integer
5	"Mestre"	"Viale Ancona"	"5"^^xsd:integer
6	"Venezia"	"Fondamenta de la Misericordia"	"4"^^xsd:integer
7	"Spinea"	"Via Roma"	"4"^^xsd:integer
8	"Padova"	"Via Vigonovese"	"4"^^xsd:integer
9	"Venezia"	"Via Giuseppe Garibaldi"	"4"^^xsd:integer
10	"Padova"	"Via Jacopo Facciolati"	"4"^^xsd:integer
11	"Scaltenigo"	"Via Caltana"	"4"^^xsd:integer
12	"Borgoricco"	"Via Desman"	"4"^^xsd:integer
13	"Mestre"	"Via Miranese"	"4"^^xsd:integer
14	"Venezia"	"San Polo"	"4"^^xsd:integer
15	"Padova"	"Via Gattamelata"	"3"^^xsd:integer
16	"Padova"	"Via Cesare Battisti"	"3"^^xsd:integer

Shops names and number of each of them

```
1   prefix osmo:
    <http://www.dei.unipd.it/database2/cutomOSMOntology#>
2   prefix xsd: <http://www.w3.org/2001/XMLSchema#>
3
4   select ?shopName (count(?shop) as ?shopsInVeneto)
5   where {
6       ?shop osmo:hasUse "supermarket"^^xsd:string ;
7
8           osmo:hasName ?shopName ;
9           osmo:isInCity ?city  .
10      ?city osmo:hasName ?cityName .
11  }
12  group BY ?shopName
13  order by desc(?shopInVeneto)
```

Showing results from 1 to 46 of 46. Query took 0.1s, moments ago.

	shopName	shopsInVeneto
1	"Despar"	"5"^^xsd:integer
2	"Prix"	"10"^^xsd:integer
3	"MD"	"1"^^xsd:integer
4	"Conad City"	"3"^^xsd:integer
5	"Lidl"	"6"^^xsd:integer
6	"Mega Marghera"	"1"^^xsd:integer
7	"Coop"	"5"^^xsd:integer
8	"Pam Local - Padova San Francesco"	"1"^^xsd:integer
9	"Aldi"	"1"^^xsd:integer
10	"inCoop"	"1"^^xsd:integer
11	"Maxì"	"1"^^xsd:integer
12	"ALDI"	"4"^^xsd:integer
13	"Ipercoop"	"1"^^xsd:integer
14	"Alì"	"4"^^xsd:integer
15	"La Bottega dei Freschi"	"1"^^xsd:integer

Return of 20 buildings and their info

```
1  prefix osmo: <http://www.dei.unipd.it/database2/cutomOSMOntology#>
2  prefix xsd: <http://www.w3.org/2001/XMLSchema#>
3
4  select ?buildingName ?fulladress
5  where{
6   ?building     osmo:hasStreetName ?StreetName;
7                 osmo:hasStreetName ?StreetName ;
8                 osmo:hasName ?buildingName ;
9                 osmo:hasCivilNumber ?houseNumber .
10     bind(concat(?StreetName, ", ", ?houseNumber) as ?fulladress) .
11     }
12  order by desc(?buildingName)
13  limit 20
```

Run

keyboard shortcuts

Filter query results

Showing results from 1 to 20 of 20. Query took 0.2s, moments ago.

	buildingName	fulladress
1	"wine and music"	"None, None"
2	"volpato"	"Via del Vescovado, 47"
3	"viaggiemiraggi"	"Via Trieste, 4"
4	"tigher"	"None, None"
5	"theNeuPop"	"None, None"
6	"studio saòr"	"Salizada San Canzian, 5567/A"
7	"scuola secondaria 1° grado in S. Agostino"	"Via Donatello, 1"
8	"scuola Primaria Giovanni Bonetto"	"Via XVI Marzo, 16"
9	"rimessaggio Campo Base"	"Via Antonio Fogazzaro, None"
10	"rimessa Elettrauto Bacelle"	"None, None"
11	"refresh"	"Lungomare Guglielmo Marconi, None"
12	"punto G"	"None, None"
13	"puff store"	"Via Roma, 229"
14	"pippo"	"None, None"
15	"piedàterre"	"Sotoportego de Rialto, 60"
16	"perxmicro"	"Via Cappuccina, 25"
17	"pasticceria Tonolo"	"Calle San Pantalon, 3764"
18	"parcheggio scuola"	"None, None"
19	"nuova area check in"	"None, None"
20	"nerodiseppia Ristorante"	"Via San Francesco, 161"

Return the full list of shop types order by their quantity

```
1  prefix osmo: <http://www.dei.unipd.it/database2/cutomOSMOntology#>
2  prefix xsd: <http://www.w3.org/2001/XMLSchema#>
3
4  select ?type (count(?shop) as ?shopTypeCount)
5  where {
6    ?shop a osmo:Shop ;
7         osmo:hasUse ?type .
8  }
9  group BY ?type
10 order by desc(?shopTypeCount)
```

Unnamed ✕

Run
keyboard shortcuts

Table | Raw Response | Pivot Table | Google Chart | Download as ⌄

Filter query results   Showing results from 1 to 150 of 150. Query took 0.1s, moments ago.

	type	shopTypeCount
1	"supermarket"	"295"^^xsd:integer
2	"clothes"	"229"^^xsd:integer
3	"bakery"	"130"^^xsd:integer
4	"hairdresser"	"105"^^xsd:integer
5	"pastry"	"81"^^xsd:integer
6	"jewelry"	"50"^^xsd:integer
7	"convenience"	"49"^^xsd:integer
8	"books"	"49"^^xsd:integer
9	"butcher"	"49"^^xsd:integer
10	"car_repair"	"48"^^xsd:integer
11	"greengrocer"	"48"^^xsd:integer
12	"shoes"	"46"^^xsd:integer
13	"gift"	"45"^^xsd:integer
14	"optician"	"42"^^xsd:integer
15	"car"	"42"^^xsd:integer
16	"wine"	"38"^^xsd:integer
17	"bicycle"	"35"^^xsd:integer
18	"deli"	"34"^^xsd:integer
19	"beauty"	"29"^^xsd:integer
20	"florist"	"28"^^xsd:integer

Get cities ordered from most to least fun

```
1  PREFIX osmo: <http://www.dei.unipd.it/database2/cutomOSMOntology#>
2  SELECT ?name (count(?building) as ?funCount) WHERE
3  {
4      ?city a osmo:City ;
5          osmo:hasName ?name.
6      ?building osmo:hasUse ?use;
7              osmo:isInCity ?city
8
9          FILTER(?use IN ("bar", "cafe", "restaurant", "pub", "nightclub"))
10 }
11 group BY ?name
12 order by desc(?funCount)
```

Run

keyboard shortcuts

Filter query results

Showing results from 1 to 55 of 55. Query took 0.1s, moments ago.

	name	funCount
1	"Padova"	"150"^^xsd:integer
2	"Venezia"	"143"^^xsd:integer
3	"Mestre"	"48"^^xsd:integer
4	"Mirano"	"35"^^xsd:integer
5	"Spinea"	"19"^^xsd:integer
6	"Santa Maria di Sala"	"12"^^xsd:integer
7	"Mira"	"11"^^xsd:integer
8	"Marghera"	"11"^^xsd:integer
9	"Vigonza"	"10"^^xsd:integer
10	"Borgoricco"	"9"^^xsd:integer
11	"Albignasego"	"8"^^xsd:integer
12	"Dolo"	"8"^^xsd:integer
13	"Scaltenigo"	"7"^^xsd:integer
14	"Rubano"	"6"^^xsd:integer
15	"Campodarsego"	"6"^^xsd:integer
16	"Favaro Veneto"	"6"^^xsd:integer
17	"Salzano"	"5"^^xsd:integer
18	"Vigodarzere"	"5"^^xsd:integer
19	"Zelarino"	"5"^^xsd:integer
20	"Pianiga"	"4"^^xsd:integer

Are there cities that don't have universities?

```
1  PREFIX osmo: <http://www.dei.unipd.it/database2/cutomOSMOntology#>
2  ASK WHERE
3  {
4      ?city a osmo:City ;
5          osmo:hasName ?name .
6      FILTER NOT EXISTS{?building osmo:hasUse "university";
7          osmo:isInCity ?city}
8  }
9
```

YES

Get streets of Padova ordered from having the most to the least shops

```
1  PREFIX osmo: <http://www.dei.unipd.it/database2/cutomOSMOntology#>
2  SELECT ?name (count(?shop) as ?shopsCount) WHERE
3  {
4      ?city a osmo:City ;
5          osmo:hasName "Padova".
6      ?road a osmo:Road;
7          osmo:isInCity ?city ;
8          osmo:hasName ?name .
9      ?shop a osmo:Shop ;
10         osmo:isOnRoad ?road
11 }
12 group by ?name
```

Run

keyboard shortcuts

Filter query results

Showing results from 1 to 122 of 122. Query took 0.1s, moments ago.

	name	shopsCount
1	"Via Roma"	"52"^^xsd:integer
2	"Via Enrico Fermi"	"7"^^xsd:integer
3	"Via Giacomo Matteotti"	"5"^^xsd:integer
4	"Piazza della Frutta"	"3"^^xsd:integer
5	"Via Jacopo Facciolati"	"5"^^xsd:integer
6	"Corso Milano"	"7"^^xsd:integer
7	"Viale dell'Industria"	"2"^^xsd:integer
8	"Via Pietro Bembo"	"1"^^xsd:integer
9	"Via Guglielmo Marconi"	"6"^^xsd:integer
10	"Piazzale Santa Croce"	"1"^^xsd:integer
11	"Via Egidio Forcellini"	"2"^^xsd:integer
12	"Via Cristoforo Moro"	"1"^^xsd:integer
13	"Via Altinate"	"21"^^xsd:integer
14	"Via Cesare Battisti"	"1"^^xsd:integer
15	"Via Giambattista Belzoni"	"1"^^xsd:integer
16	"Via Giovanni Boccaccio"	"1"^^xsd:integer
17	"Via Daniele Manin"	"7"^^xsd:integer
18	"Via Venti Settembre"	"11"^^xsd:integer
19	"Via San Gregorio Barbarigo"	"3"^^xsd:integer
20	"Via Umberto I"	"1"^^xsd:integer

Get cities ordered from most to least covered by bus transport

```sparql
1   PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
2   PREFIX osmo: <http://www.dei.unipd.it/database2/cutomOSMOntology#>
3   SELECT ?name ((xsd:float(?busRoadCount)/xsd:float(?roadCount))*100 AS ?result) WHERE {
4       {
5           SELECT ?name (count(?busRoad) as ?busRoadCount) WHERE {
6               ?city a osmo:City ;
7                   osmo:hasName ?name .
8               ?busRoad a osmo:Road ;
9                   osmo:isInCity ?city ;
10                  osmo:isBusRoad True .
11          }
12          GROUP BY ?name
13      }
14      {
15          SELECT ?name (count(?road) as ?roadCount) WHERE {
16              ?city a osmo:City ;
17                  osmo:hasName ?name .
18              ?road a osmo:Road ;
19                  osmo:isInCity ?city .
20          }
21          GROUP BY ?name
22      }
23  }
24  ORDER BY DESC (?result)
```

	name	result
1	"Selvazzano Dentro"	"14.285715"^^xsd:float
2	"Padova"	"2.5830257"^^xsd:float
3	"Mestre"	"1.0309278"^^xsd:float

Filter query results

Showing results from 1 to 3 of 3. Query took 0.1s, moments ago.

Shops open 24/7 near Padova/Venezia

```
1   PREFIX osmo: <http://www.dei.unipd.it/database2/cutomOSMOntology#>
2   PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
3   select ?name ?type ?cityName ?roadName ?civicNumber where
4   {
5       ?amenity a osmo:Amenity;
6           osmo:hasName ?name;
7           osmo:hasOpeningHours "24/7"^^xsd:string;
8           osmo:hasLatitude ?latitude;
9           osmo:hasLongitude ?longitude;
10          osmo:isInCity ?city;
11          osmo:isOnRoad ?road.
12      ?city a osmo:City;
13          osmo:hasName ?cityName.
14      ?road a osmo:Road;
15          osmo:hasName ?roadName.
16      optional {?amenity osmo:hasCivilNumber ?civicNumber;
17                          osmo:hasUse ?type}.
18      filter (?latitude - "45.1223"^^xsd:decimal < 0.5 && ?longitude -
    "12.1012"^^xsd:decimal < 0.5)
19  }
20  Order by ?cityName
```

Showing results from 1 to 6 of 6. Query took 0.1s, moments ago.

	name	type	cityName	roadName	civicNumber
1	"Gustoclick"	"restaurant"	"Marghera"	"Via dell'Elettricità"	"9L-M"
2	"Powerstop"	"charging_station"	"Padova"	"Corso Brasile"	"1"
3	"Costantin"	"fuel"	"Padova"	"Via Vittorio Benussi"	"8"
4	"L'Indeciso"	"restaurant"	"Padova"	"Via Gattamelata"	"21"
5	"Quanto Basta"	"fast_food"	"Venezia"	"Rio Terà Lista di Spagna"	"148"
6	"Pako's Pizza & Pasta"	"fast_food"	"Venezia"	"Spadaria"	"687"

Get building infos located in a plaza/road (website, civil number, phone number..)

```sparql
1  PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
2  PREFIX osmo: <http://www.dei.unipd.it/database2/cutomOSMOntology#>
3  # Get building infos located in a plaza/road (website, civil number, phone number..)
4
5  SELECT DISTINCT ?name ?website ?housenumber ?phone ?opening_hours WHERE
6  {
7      ?road osmo:hasName "Via Umberto I"^^xsd:string.
8      ?building osmo:hasName ?name;
9               osmo:hasWebsite ?website;
10               osmo:hasCivilNumber ?housenumber;
11               osmo:hasPhone ?phone;
12               osmo:hasEmail ?email;
13               osmo:hasOpeningHours ?opening_hours;
14  }
15
```

Run
keyboard shortcuts

Filter query results   Showing results from 1 to 1,000 of 1,334. Query took 0.3s, moments ago.

	name	website	housenumber	phone	opening_hours
1	"Supermercato MAXY"	"None"	"None"	"None"	"None"
2	"Myrtha Pools"	"None"	"None"	"None"	"None"
3	"Centro di Medicina Iperbar ica ATIP"	"None"	"1"	"None"	"None"
4	"Resiidenza Universitaria C a' Foscari"	"None"	"None"	"None"	"None"
5	"Residenza Ca'Foscari"	"None"	"None"	"None"	"None"
6	"Grossi Arredamenti"	"http://www.grossiarredam enti.it"	"None"	"None"	"None"
7	"Pelizzon Luigi s.r.l."	"None"	"1"	"None"	"None"
8	"Morosin Dario"	"None"	"5"	"None"	"None"
9	"AGESCI - Sede Regonale V eneto"	"None"	"None"	"None"	"None"
10	"Osservatorio Astronomico di Padova"	"None"	"None"	"None"	"None"
11	"La Specola"	"None"	"5"	"None"	"None"
12	"Forte Mezzacapo"	"https://www.fortemezzac apo.com/"	"None"	"None"	"None"
13	"Padiglione Stirling"	"None"	"None"	"None"	"None"
14	"Palestra Petter-Lambrusc hini"	"None"	"None"	"None"	"None"
15	"VALLADIUM"	"None"	"None"	"None"	"None"