






Number of places to buy alcohol in a city

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```
PREFIX osmo:
<http://www.dei.unipd.it/database2/cutomOSM0ntology#>
Select ?cityName ?roadName (count(?bars) as ?numberOfBars) where
{
    ?bars a osmo:Amenity;
    osmo:isOnRoad ?road;
    osmo:isInCity ?city;
    osmo:hasUse ?use.
    ?city a osmo:City;
    osmo:hasName ?cityName.
    ?road a osmo:Road;
    osmo:hasName ?roadName.
    filter(?use IN
("bar", "nightclub", "restaurant", "cafe;restaurant", "internet_caffe",
"cafe", "pub", "stripclub"))
}
group by ?cityName ?roadName
order by desc(?numberOfBars)
```

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

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Return of 20 buildings and their info

```
1 prefix osmo: <http://www.dei.unipd.it/database2/cutom0SM0ntology#>
2 prefix xsd: <http://www.w3.org/2001/XMLSchema#>
3
4 select ?buildingName ?fulladdress
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 ?fulladdress) .
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		fulladdress
1	"wine and music"		"None, None"
2	"volpato"		"Via del Vescovado, 47"
3	"viaggiemiraggi"		"Via Trieste, 4"
4	"tiger"		"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	"pietàterre"		"Sotoportego de Rialto, 60"
16	"perximicro"		"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

unnamed × ⓘ

1 prefix osmo: <http://www.dei.unipd.it/database2/cutom0SM0ntology#>

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)



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	"hairstresser"	"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		

4

Get cities ordered from most to least fun

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```
PREFIX osmo: <http://www.dei.unipd.it/database2/cutomOSMOntology#>
SELECT ?name (count(?building) as ?funCount) WHERE
{
  ?city a osmo:City ;
        osmo:hasName ?name.
  ?building osmo:hasUse ?use;
           osmo:isInCity ?city

  FILTER(?use IN ("bar", "cafe", "restaurant", "pub", "nightclub"))
}
group BY ?name
order by desc(?funCount)
```

Save
Copy
Share
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
2	Venezia	143
3	Mestre	48
4	Mirano	35
5	Spinea	19
6	Santa Maria di Sala	12
7	Mira	11
8	Marghera	11
9	Vigonza	10
10	Borgoricco	9
11	Albignasego	8
12	Dolo	8
13	Scaltenigo	7
14	Rubano	6
15	Campodarsego	6
16	Favaro Veneto	6
17	Salzano	5
18	Vigodarzere	5
19	Zelarino	5
20	Planiga	4

5

Are there cities that don't have universities?

```
1 PREFIX osmo: <http://www.dei.unipd.it/database2/cutomOSM0ntology#>
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/cutomOSM0ntology#>
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
2	"Via Enrico Fermi"	7
3	"Via Giacomo Matteotti"	5
4	"Piazza della Frutta"	3
5	"Via Jacopo Facciolati"	5
6	"Corso Milano"	7
7	"Viale dell'Industria"	2
8	"Via Pietro Bembo"	1
9	"Via Guglielmo Marconi"	6
10	"Piazzale Santa Croce"	1
11	"Via Egidio Forcellini"	2
12	"Via Cristoforo Moro"	1
13	"Via Altinate"	21
14	"Via Cesare Battisti"	1
15	"Via Giambattista Belzoni"	1
16	"Via Giovanni Boccaccio"	1
17	"Via Daniele Manin"	7
18	"Via Venti Settembre"	11
19	"Via San Gregorio Barbarigo"	3
20	"Via Umberto I"	1

Get cities ordered from most to least covered by bus transport

```
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)
```



Filter query results			Showing results from 1 to 3 of 3. Query took 0.1s, moments ago.	
	name		result	
1	"Selvazzano Dentro"		"14.285715"	xsd:float
2	"Padova"		"2.5830257"	xsd:float
3	"Mestre"		"1.0309278"	xsd:float

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 -
19 "12.1012"^^xsd:decimal < 0.5)
20 }
21 Order by ?cityName
```



Filter query results					
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..)

```
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 Iperbarica ATIP"	"None"	"1"	"None"	"None"
4	"Residenza Universitaria Ca' Foscari"	"None"	"None"	"None"	"None"
5	"Residenza Ca'Foscari"	"None"	"None"	"None"	"None"
6	"Grossi Arredamenti"	"http://www.grossiarredamenti.it"	"None"	"None"	"None"
7	"Pelizzon Luigi s.r.l."	"None"	"1"	"None"	"None"
8	"Morosin Dario"	"None"	"5"	"None"	"None"
9	"AGESCI - Sede Regionale Veneto"	"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.fortemezzacapo.com/"	"None"	"None"	"None"
13	"Padiglione Stirling"	"None"	"None"	"None"	"None"
14	"Palestra Petter-Lambruschini"	"None"	"None"	"None"	"None"
15	"VALLADIUM"	"None"	"None"	"None"	"None"