Q.

Populate an information box for your cities containing the following data where it is available:  
• Size (area)  
• Population size  
• Time zone offsets (cities may have more than one)  
• Official website  
• Number of twinned cities  
Ensure that your query answers are intelligible to human users.

### **SPARQL query:**

SELECT ?cities

?wiki\_cities

(CONCAT(STR(?area), " square kilometre") AS ?area\_new)

(STR(?popluation) AS ?number\_of\_people)

(GROUP\_CONCAT(DISTINCT ?name; SEPARATOR=", ") as ?names)

?website

(STR(COUNT(?twinned\_city)) as ?number\_of\_twinned\_cities)

WHERE

{

?cities rdf:type this:City.

?wiki\_cities owl:sameAs ?cities.

SERVICE <http://query.wikidata.org/sparql> {

?wiki\_cities wdt:P2046 ?area.

?wiki\_cities wdt:P1082 ?popluation.

OPTIONAL {?wiki\_cities wdt:P421/wdt:P373 ?name.}

OPTIONAL {?wiki\_cities wdt:P856 ?website.}

?wiki\_cities wdt:P190 ?twinned\_city.

}

}

GROUP BY ?cities ?wiki\_cities ?area ?popluation ?website

ORDER BY ?cities

### **Results:**

In the Figure 11 bellow, illustrates the output results of Query 2.

Please note that London and Birmingham have two time zone, one is Greenwich Mean Time, another is British Summer Time. And the time zone for Mumbai and Mysore is null. Also, Mysore does not have an official website.

图形用户界面, 文本, 应用程序, 电子邮件

描述已自动生成