



## VOORBEELD QUERY

```
select a."postcode" as "postalCode",  
  
       a."huisnummer" as "houseNumber",  
  
       a."huisletter" as "houseLetter",  
  
       a."huisnummertoevoeging" as "houseNumber_add",  
  
       b."naam" as "streetName",  
  
       c."naam" as "townShip" ,  
  
       d."oppervlakte" as "surfaceArea",  
  
       d."tjdstipRegistratie" as "registrationDate",  
  
       st_x(d."geography") as "longitude",  
  
       st_y(d."geography") as "latitude",  
  
-- Tensing generated GeoJSON (easier to process than the original GML)  
  
-- d."geoJSON": "coordinates"[0] as "rd_x",  
  
-- d."geoJSON": "coordinates"[1] as "rd_y",  
  
       round(st_distance(d."geography", st_makepoint(4.898188283563893, 52.374329716507056)),0) as "distance_m"  
  
from public."Nummeraanduiding_Bag" as a  
  
-- Postalcode - housenumber - street - place objects  
  
join public."OpenbareRuimte_Bag" as b  
  
-- Street names  
  
on a."ligtAan" = b."identificatie"  
  
left join public."Woonplaats" c  
  
-- Townships  
  
-- Mostly Township is related from the OpenbareRuimte, but  
  
-- in special cases it is related from the Nummeraanduiding  
  
-- So, if Nummeraanduiding has a Woonplaats-relation, it overrules  
  
on coalesce(a."ligtIn", b."ligtIn") = c."identificatie"  
  
join public."Verblijfsobject_Bag" d
```



-- Residential objects... we occupy one.

on a."identificatie" = d."heeftAlsHoofdadres"

join public."VBO\_Gebruiksdoel\_Bag" e

on d."identificatie" = e."identificatie"

and d."voorkomenidentificatie" = e."voorkomenidentificatie"

-- Referring to the same index-occurrence of every Verbljfsobject

where a."eindGeldigheid" is null

and b."eindGeldigheid" is null

and c."eindGeldigheid" is null

and d."eindGeldigheid" is null

-- Every object should be the currently valid object

and e."gebruiksdoel" = 'woonfunctie'

and c."naam" = 'Amsterdam'

order by st\_distance(d."geography", st\_makepoint(4.898188283563893, 52.374329716507056)), a."postcode",  
a."huisnummer", a."huisletter"

limit 50000