```python
 1  def Marker(Segments, radius = 100):
 2  # OSM Marker
 3    global connection
 4    connection = ConnectionHandler() # handles Python <> PostgreSQL DB
 5
 6    for Segment in Segments:
 7      MarkSegment(Segment, radius)
 8    return Segments
 9
10  def MarkSegment(Segment, radius):
11    for (i, distinct_location) in Segment.DistinctLocations:
12      nearby_vector = connection.query_location(distinct_location, radius)
13      Segment.mark_with_vector(nearby_vector, i)
14
15  class ConnectionHandler:
16  def query_location(self, location, radius):
17    sql_command = self.sql_cmd_radius(location, radius)
18    # builds the query
19    # SELECT <interesting_columns> FROM table WHERE distance < radius
20
21    rows, column_names = self.run_command( sql_command )
22
23    pairs = extract_all_pairs(rows, column_names)
24    # returns pairs of column names and their values
25    # for example "highway=primary", ...
26
27    nearby_vector = [0] * number_of_observed_pairs
28
29    for pair in pairs
30      if pair in observed_pairs:
31        index = indice_dictionary(pair)
32        nearby_vector[ index ] += 1
33    return nearby_vector
```