1–Find the closet POI to the geographical location (x=500 y=600)that
belongs to category "restaurant" and where at least 25% of rating for
his POI>3

select * from reviews;

```
+-----------------+--------+--------+---------------------+
| poi             | user   | rating | review              |
+-----------------+--------+--------+---------------------+
| Cloud Gate      | Alice  |      4 | looks cool          |
| Pizza Joe       | Peter  |      1 | seriously overrated |
| Pizza Joe       | Alice  |      3 | my personal favorite|
| Domino          | John   |      6 | Fantastic!          |
| Domino          | Mike   |      1 | bad                 |
| Italian pizza   | Nila   |      7 | Ecxellent           |
| Mac Donald      | Sara   |      1 | Overrated           |
| Domino          | Jane   |      4 | medium!             |
| Domino          | Angela |      7 | amazing!            |
| Domino          | auther |      8 | fast!               |
| Pizza Hut       | a      |      2 | okay!               |
| Pizza Hut       | b      |      1 | bad!                |
| Pizza Hut       | c      |      6 | amazing!            |
| Pizza Hut       | d      |      3 | good!               |
| Pizza Hut       | e      |      6 | nice!               |
| Pizza Hut       | f      |      9 | amazing!            |
| Marco's Pizza   | g      |      1 | bad!                |
| Italian pizza   | Nila   |      7 | Ecxellent           |
| Italian pizza22 | Nina   |      5 | okay                |
| IRANIAN pizza22 | Nina   |      4 | okay                |
| Italian pizza22 | Ghina  |      5 | okay                |
| Italian pizza22 | Ghina  |      5 | okay                |
+-----------------+--------+--------+---------------------+
```
22 rows in set (0.000 sec)

MariaDB [npudb1]> select * from POI;

```
+--------------------+------+------+------------+
| pname              | x    | y    | category   |
+--------------------+------+------+------------+
| Cloud Gate         | 1010 |  915 | Sculpture  |
| Pizza Joe          | 1014 |  915 | Restaurant |
| Fields Museum      | 1016 |  916 | Museum     |
| Moma               | 1340 |  830 | Museum     |
| Domino             | 1013 |  900 | Restaurant |
| Pizza Hut          | 1000 |  919 | Restaurant |
| Papa John's Pizza  | 1020 |  933 | Restaurant |
| Marco's Pizza      | 1012 |  923 | Restaurant |
| Little Caesars     | 1019 |  911 | Restaurant |
```

```
| Italian restaurant | 1300 |  902 | Restaurant |
| Italian restaurant | 1014 |  902 | Restaurant |
+--------------------+------+------+------------+
11 rows in set (0.000 sec)

MariaDB [npudb1]> with t1 as (select
(sqrt(pow((x-500),2)+pow((y-600),2))) as Distance ,pname from POI
where category='Restaurant'),t2 as (select poi,sum(rating >3)/
count(*)*100 as percentage from reviews group by poi having percentage
>25)select min(t1.distance), t1.pname,t2.percentage from t1 inner join
t2 on t1.pname=t2.poi;
+--------------------+--------+------------+
| min(t1.distance)   | pname  | percentage |
+--------------------+--------+------------+
| 593.0944275577035  | Domino |    80.0000 |
+--------------------+--------+------------+
1 row in set (0.001 sec)
```