Requête 1:

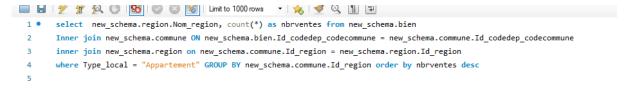
```
| Select new_schema.bien.Type_local, COUNT(*) from new_schema.bien where Type_local = "Appartement";

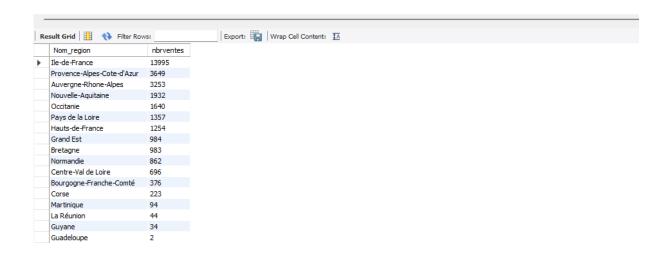
| Select new_schema.bien.Type_local, COUNT(*) from new_schema.bien where Type_local = "Appartement";

| Select count(distinct new_schema.bien.Id_bien) as "nombrevente" from new_schema.vente
| inner join new_schema.bien on new_schema.vente.Id_bien = new_schema.bien.Id_bien
| where new_schema.bien.Type_local = "Appartement" And date between "2020-01-01" and "2020-06-30"

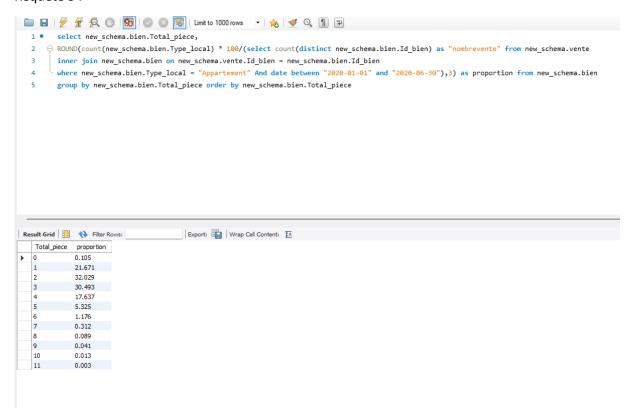
| Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Appartement | Appartement
```

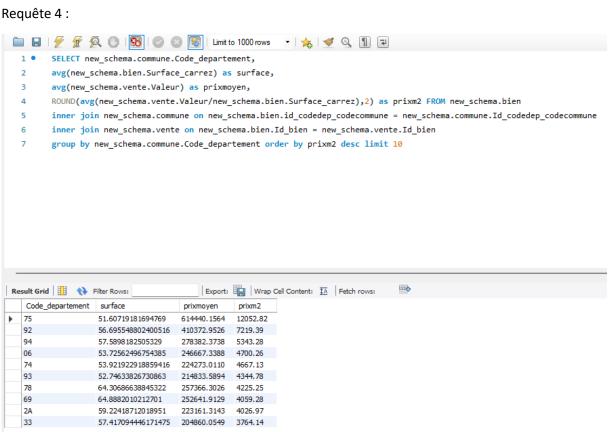
Requête 2:



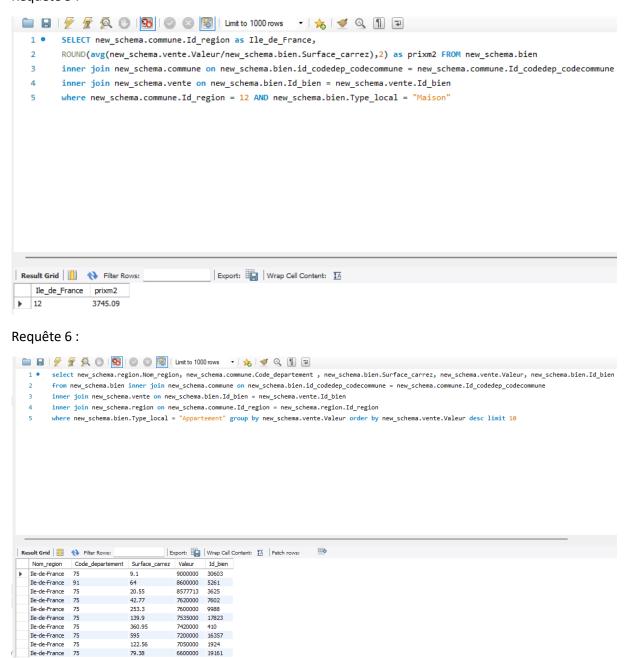


Requête 3:

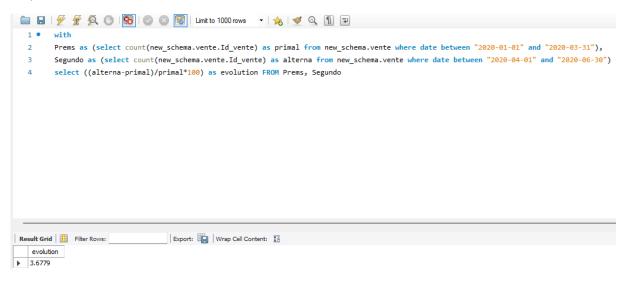




Requête 5:

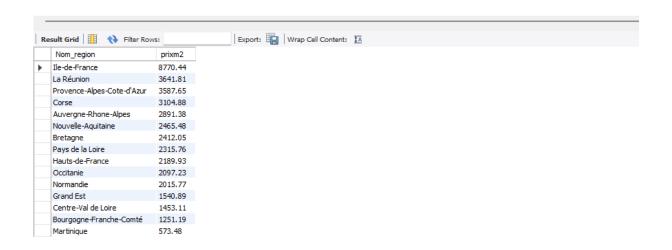


Requête 7:

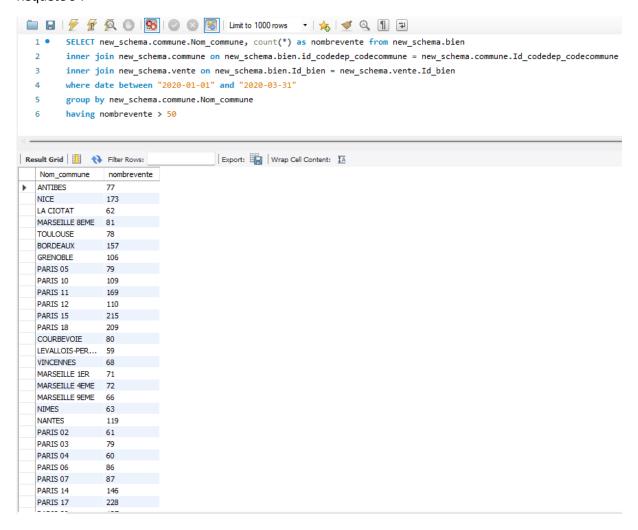


Requête 8:





Requête 9:



Requête 10:

```
1 •
         with
  2

⊖ deuxpiece as(SELECT new_schema.bien.Total_piece,
  3
         avg(new schema.bien.Surface carrez) as surface,
  4
         avg(new_schema.vente.Valeur) as prixmoyen,
  6
         ROUND(avg(new_schema.vente.Valeur/new_schema.bien.Surface_carrez),2) as prix2piece FROM new_schema.bien
  7
         inner join new_schema.commune on new_schema.bien.Id_codedep_codecommune = new_schema.commune.Id_codedep_codecommune
         {\color{red} \textbf{inner join}} \ \ \textbf{new\_schema.vente on new\_schema.bien.Id\_bien} \ = \ \textbf{new\_schema.vente.Id\_bien}
  8
  9
         where new_schema.bien.Total_piece = 2 and new_schema.bien.Type_local = "Appartement"),
  10
  11
      12
         avg(new_schema.bien.Surface_carrez) as surface,
  13
         avg(new_schema.vente.Valeur) as prixmoyen,
  14
         ROUND(avg(new_schema.vente.Valeur/new_schema.bien.Surface_carrez),2) as prix3piece FROM new_schema.bien
  15
         inner join new schema.commune on new schema.bien.Id codedep codecommune = new schema.commune.Id codedep codecommune
         inner join new_schema.vente on new_schema.bien.Id_bien = new_schema.vente.Id_bien
  17
         where new_schema.bien.Total_piece = 3 and new_schema.bien.Type_local = "Appartement")
  18
         select ((prix3piece-prix2piece)/prix2piece*100) as difference from deuxpiece, troispiece
  19
Result Grid Filter Rows:
                                     Export: Wrap Cell Content: IA
    difference
-12.400556577577577
```

Requête 11:

```
1 •
        with
  2
  3

    pomme as(SELECT new schema.commune.Code_departement, new_schema.commune.Nom_commune,

         avg(new schema.vente.Valeur) as prixmoyen,
  5
         RANK() over (partition by new_schema.commune.Code_departement order by avg(new_schema.vente.Valeur) desc ) as ranking
  6
         FROM new_schema.bien
         \textbf{inner join} \ \ \text{new\_schema.commune} \ \ \textbf{on} \ \ \text{new\_schema.commune} \ \ \textbf{id\_codedep\_codecommune} = \ \ \text{new\_schema.commune.Id\_codedep\_codecommune}
         inner join new_schema.vente on new_schema.bien.Id_bien = new_schema.vente.Id_bien
  8
         where new_schema.commune.Code_departement in (6,13,33,59,69)
 10
         group by new_schema.commune.Nom_commune
 11
        order by new_schema.commune.Code_departement )
 12
 13
         select * from pomme where ranking <=3
Result Grid Filter Rows:
                                       Export: Wrap Cell Content: IA
  Code_departement Nom_commune
                                         prixmoyen
                                                      ranking
                                          968750.0000
                    SAINT-JEAN-CAP-FERRAT
  06
                                                       1
                                          655000.0000 2
  06
                   EZE
   06
                    MOUANS-SARTOUX
                                          476898,1250 3
   13
                    GIGNAC-LA-NERTHE
                                         330000.0000 1
   13
                    SAINT SAVOURNIN
                                          314425.0000 2
   13
                    CASSIS
                                          313416.8750 3
   33
                    LEGE-CAP-FERRET
                                          549500.6364
   33
                    VAYRES
                                          335000.0000 2
                    ARCACHON
                                          307435.9273
   59
                    BERSEE
                                          433202.0000 1
   59
                    CYSOING
                                          408550.0000 2
   59
                                          322250.0000 3
                    VILLE SUR JARNIOUX
                                          485300.0000
   69
                   LYON 2EME
                                          455217.2609 2
   69
                    LYON 6EME
                                          426968.2500 3
  69
```

Requête 12:

