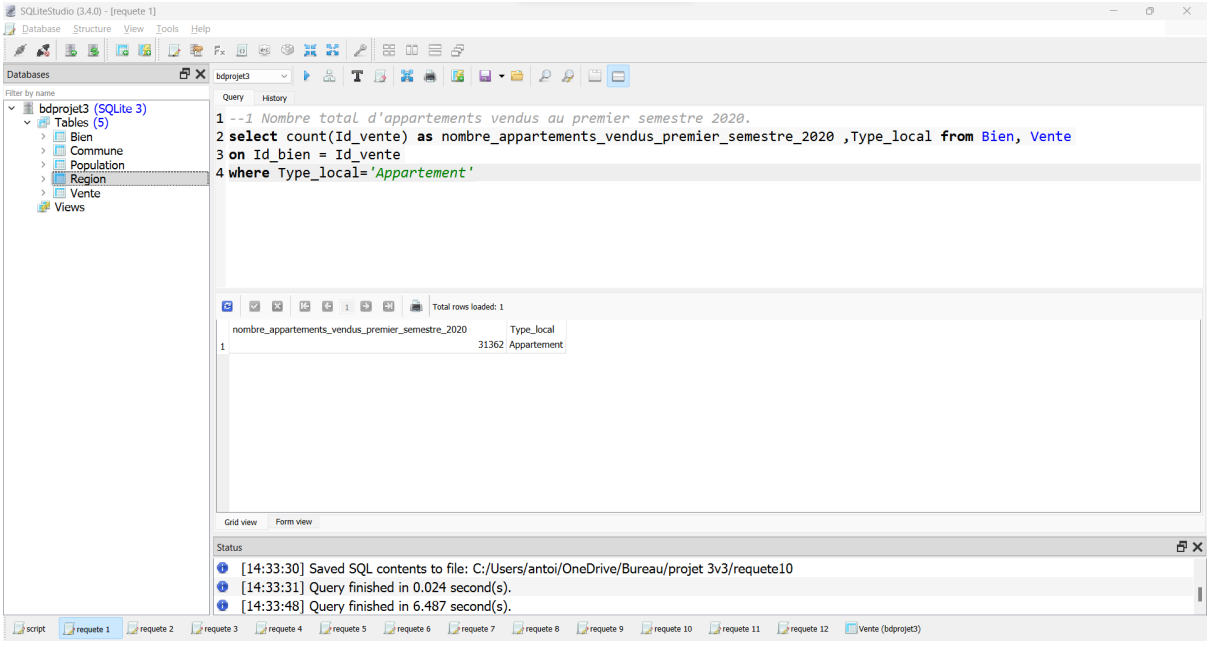
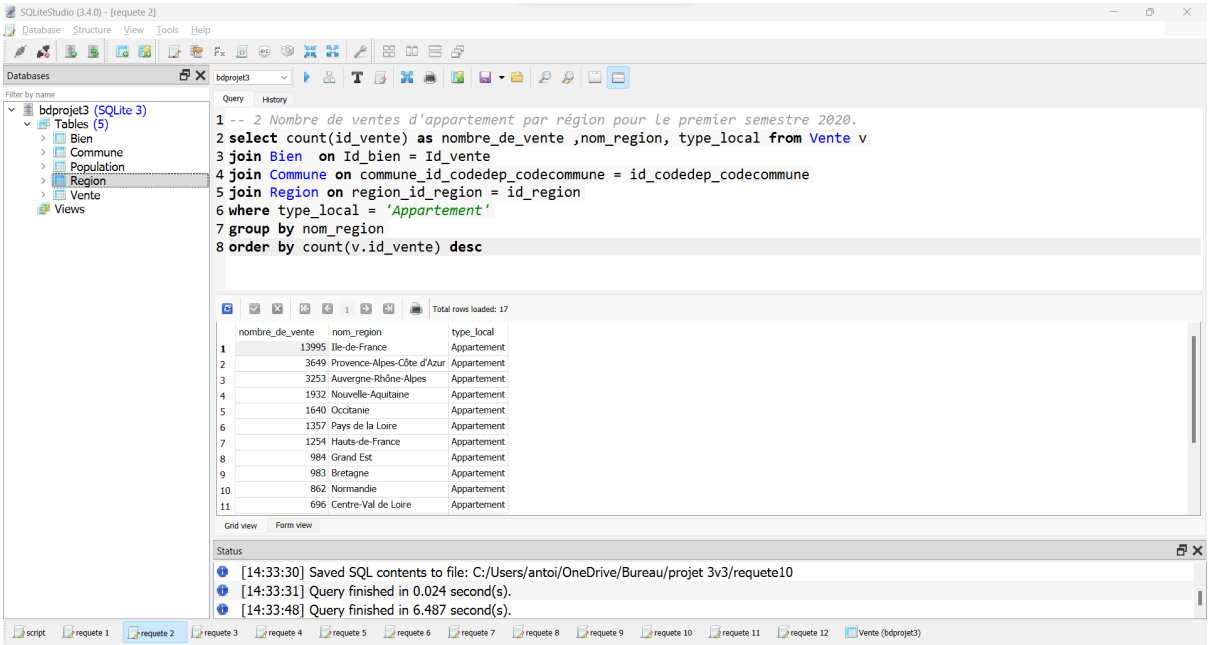
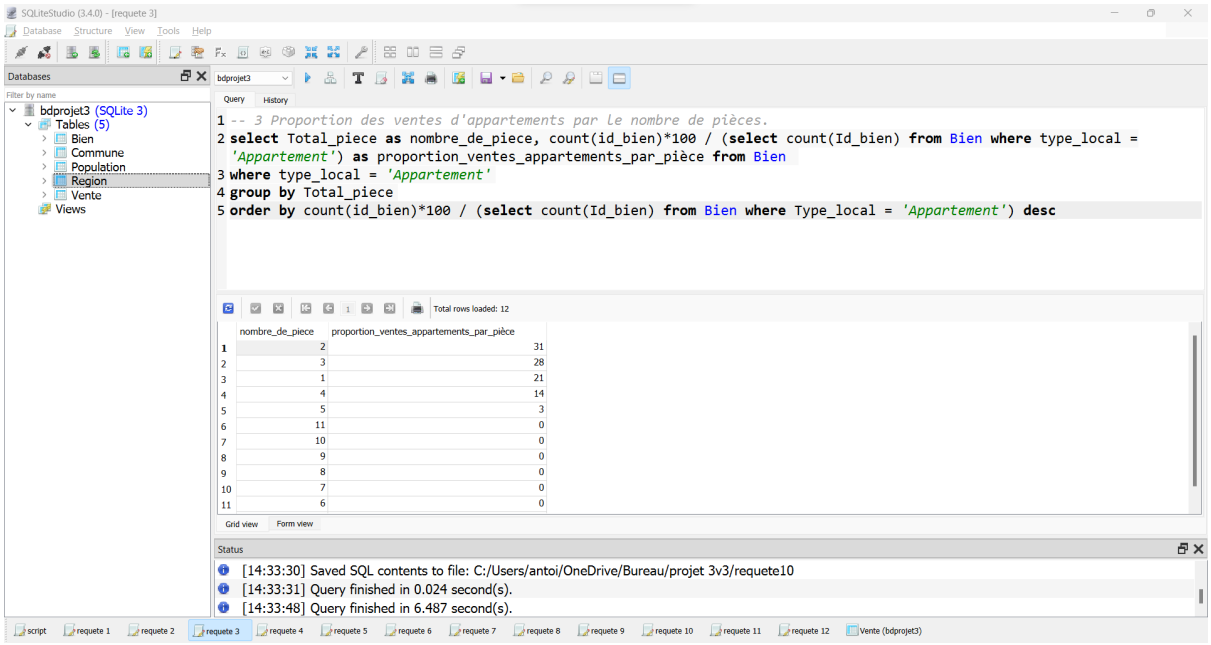
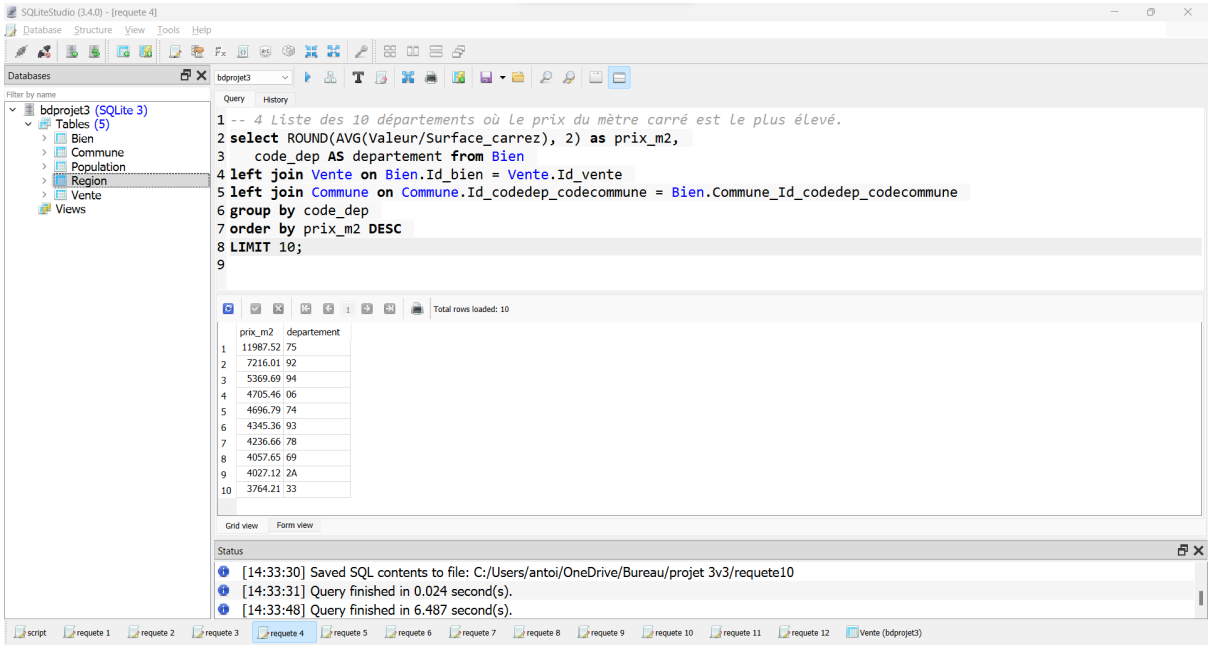
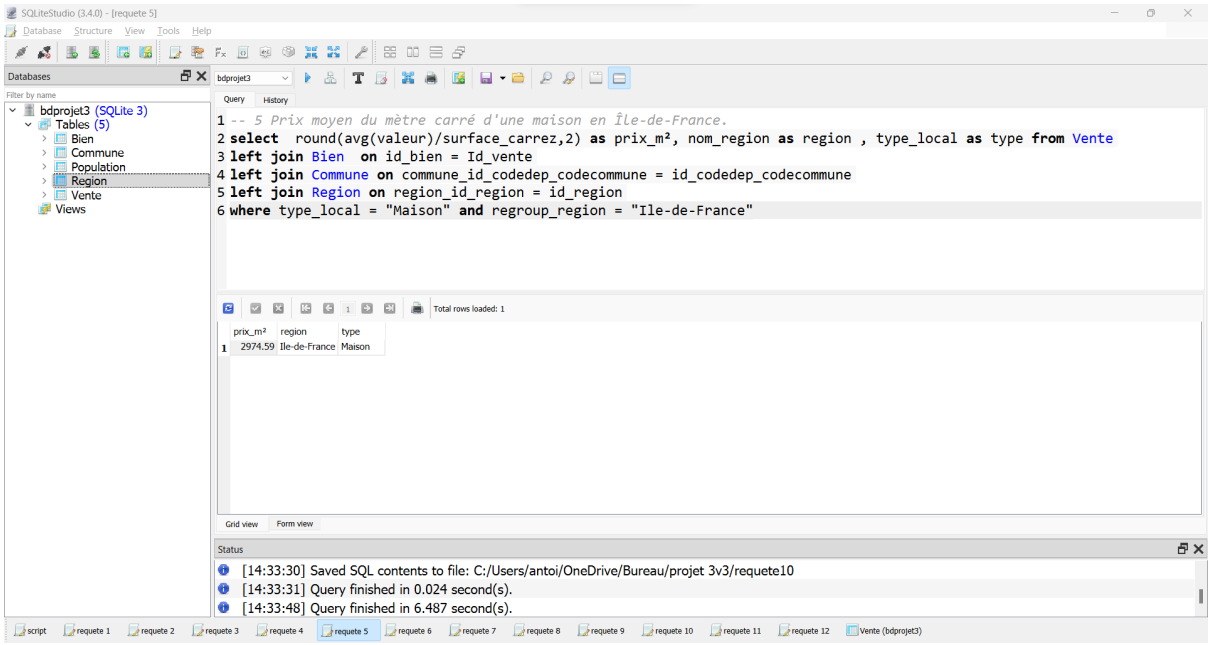
Requêtes Antoine Jeambourquin

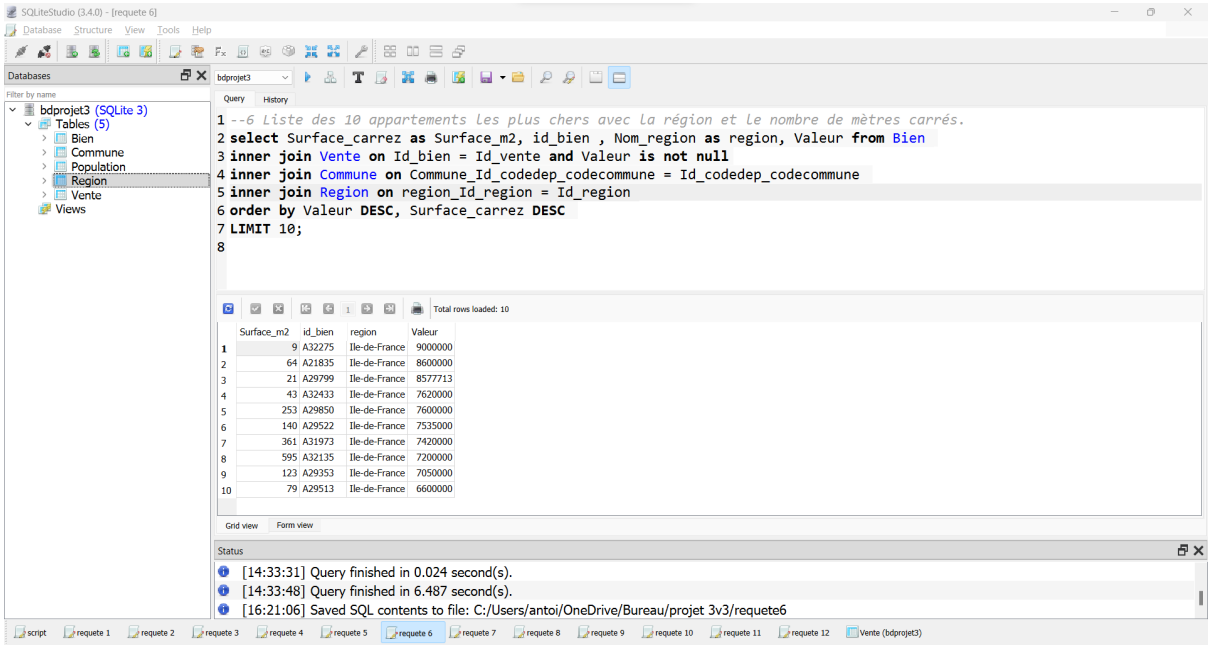


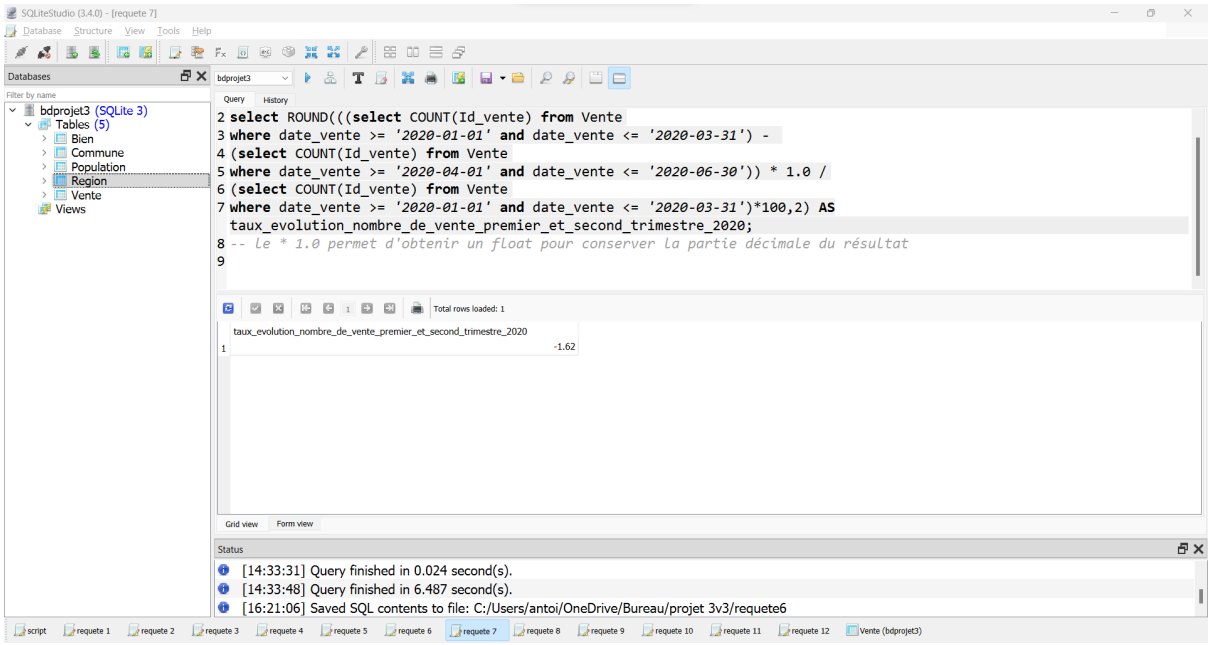


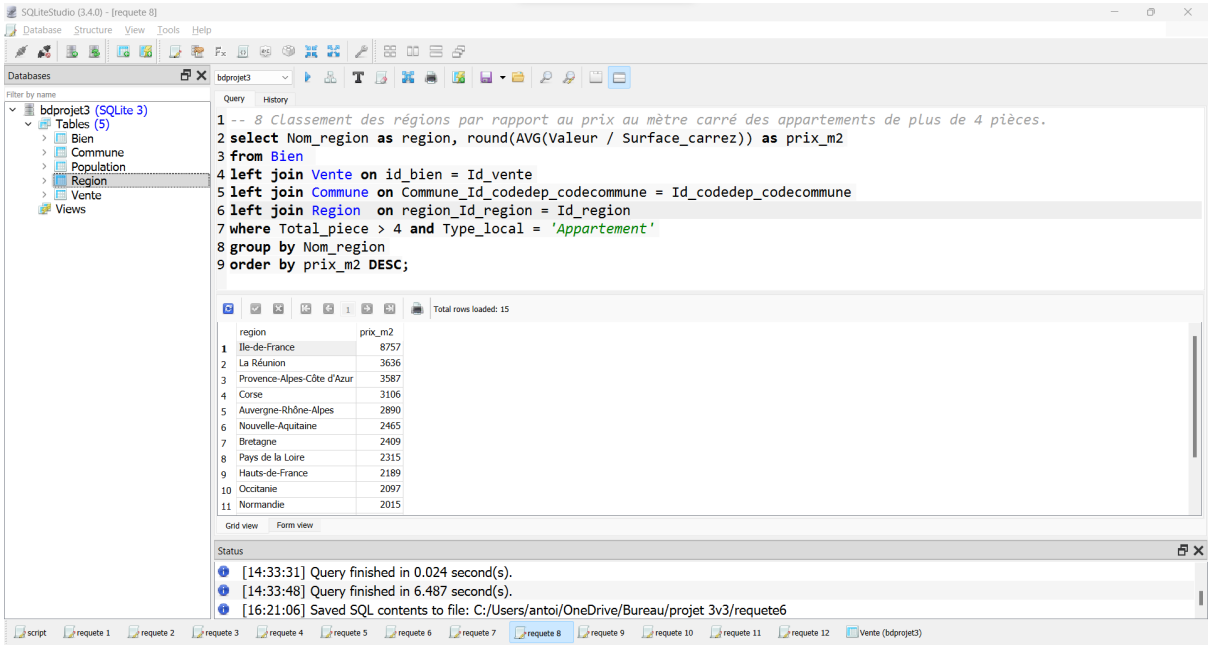

SQLiteStudio (3.4.0) - [requete 3]
Database Structure View Tools Help
Databases
bdprojet3 (SQLite 3)
Tables (5)
Bien
Commune
Population
Region
Vente
Views
Query History
1 -- 3 Proportion des ventes d'appartements par le nombre de pièces.
2 select Total_piece as nombre_de_piece, count(id_bien)*100 / (select count(Id_bien) from Bien where type_local = 'Appartement') as proportion_ventes_appartements_par_pièce from Bien
3 where type_local = 'Appartement'
4 group by Total_piece
5 order by count(id_bien)*100 / (select count(Id_bien) from Bien where Type_local = 'Appartement') desc
Total rows loaded: 12
nombre_de_piece proportion_ventes_appartements_par_pièce
1 2 31
2 3 28
3 1 21
4 4 14
5 5 3
6 11 0
7 10 0
8 9 0
9 8 0
10 7 0
11 6 0
Grid view Form view
Status
[14:33:30] Saved SQL contents to file: C:/Users/antoi/OneDrive/Bureau/projet 3v3/requete10
[14:33:31] Query finished in 0.024 second(s).
[14:33:48] Query finished in 6.487 second(s).
script requete 1 requete 2 requete 3 requete 4 requete 5 requete 6 requete 7 requete 8 requete 9 requete 10 requete 11 requete 12 Vente (bdprojet3)

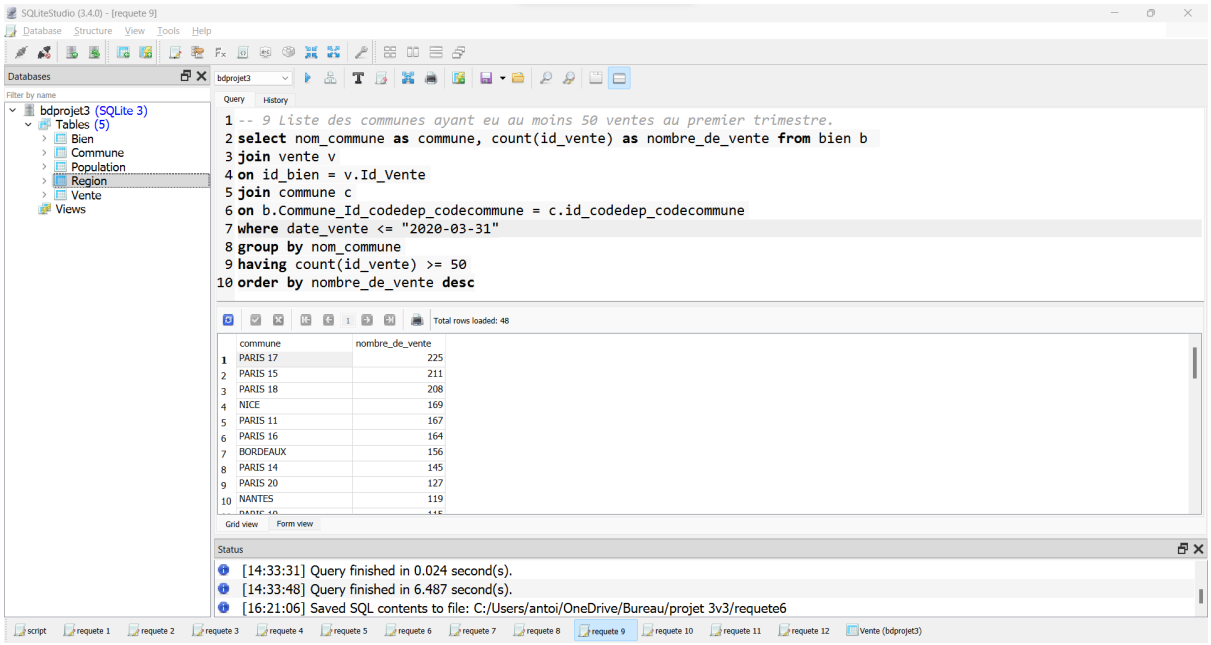

SQLiteStudio (3.4.0) - [requete 4]
Database Structure View Tools Help
Databases
bdprojet3 (SQLite 3)
Tables (5)
Bien
Commune
Population
Region
Vente
Views
Query History
1 -- 4 Liste des 10 départements où le prix du mètre carré est le plus élevé.
2 select ROUND(AVG(Valeur/Surface_carrez), 2) as prix_m2,
3 code_dep AS departement from Bien
4 left join Vente on Bien.Id_bien = Vente.Id_vente
5 left join Commune on Commune.Id_codedep_codecommune = Bien.Commune_Id_codedep_codecommune
6 group by code_dep
7 order by prix_m2 DESC
8 LIMIT 10;
9
Total rows loaded: 10
prix_m2 departement
1 11987.52 75
2 7216.01 92
3 5369.69 94
4 4705.46 06
5 4696.79 74
6 4345.36 93
7 4236.66 78
8 4057.65 69
9 4027.12 2A
10 3764.21 33
Grid view Form view
Status
[14:33:30] Saved SQL contents to file: C:/Users/antoi/OneDrive/Bureau/projet 3v3/requete10
[14:33:31] Query finished in 0.024 second(s).
[14:33:48] Query finished in 6.487 second(s).
script requete 1 requete 2 requete 3 requete 4 requete 5 requete 6 requete 7 requete 8 requete 9 requete 10 requete 11 requete 12 Vente (bdprojet3)

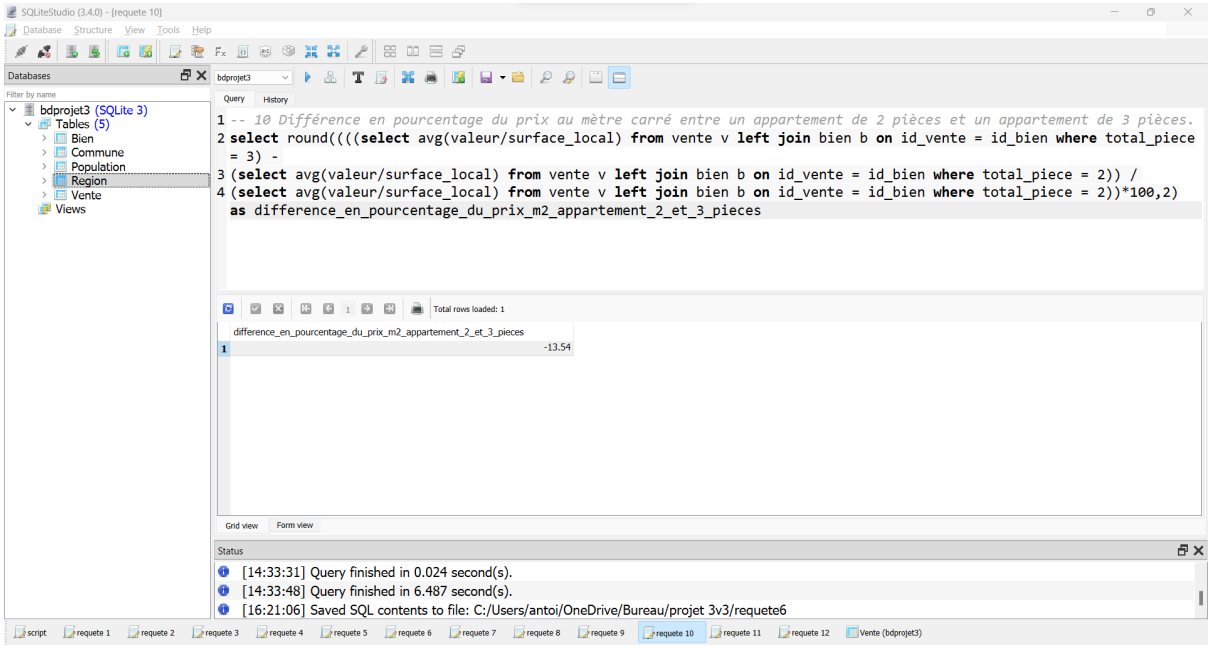

SQLiteStudio (3.4.0) - [requete 5]
Database Structure View Tools Help
Databases
bdprojet3 (SQLite 3)
Tables (5)
Bien
Commune
Population
Region
Vente
Views
Query History
1 -- 5 Prix moyen du mètre carré d'une maison en Île-de-France.
2 select round(avg(valeur)/surface_carrez,2) as prix_m², nom_region as region , type_local as type from Vente
3 left join Bien on id_bien = Id_vente
4 left join Commune on commune_id_codedep_codecommune = id_codedep_codecommune
5 left join Region on region_id_region = id_region
6 where type_local = "Maison" and regroup_region = "Ile-de-France"
Total rows loaded: 1
prix_m² region type
1 2974.59 Ile-de-France Maison
Grid view Form view
Status
[14:33:30] Saved SQL contents to file: C:/Users/antoi/OneDrive/Bureau/projet 3v3/requete10
[14:33:31] Query finished in 0.024 second(s).
[14:33:48] Query finished in 6.487 second(s).
script requete 1 requete 2 requete 3 requete 4 requete 5 requete 6 requete 7 requete 8 requete 9 requete 10 requete 11 requete 12 Vente (bdprojet3)

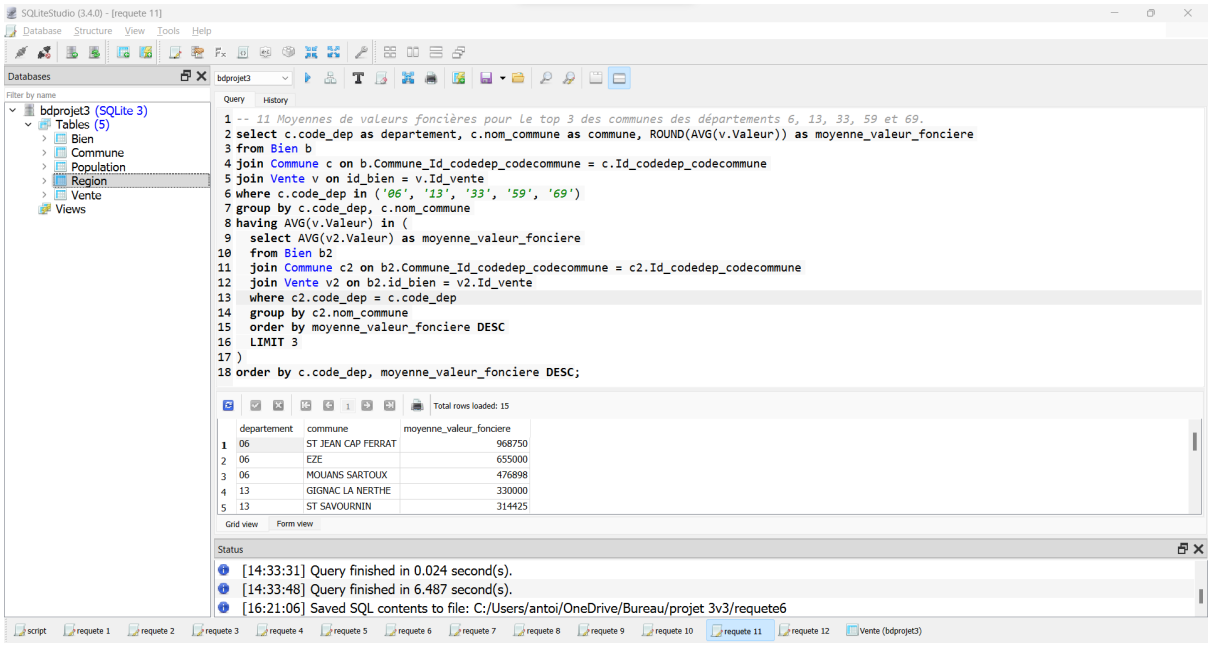

SQLiteStudio (3.4.0) - [requete 6]
Database Structure View Tools Help
Databases
bdprojet3 (SQLite 3)
Tables (5)
Bien
Commune
Population
Region
Vente
Views
Query History
1 --6 Liste des 10 appartements les plus chers avec la région et le nombre de mètres carrés.
2 select Surface_carrez as Surface_m2, id_bien , Nom_region as region, Valeur from Bien
3 inner join Vente on Id_bien = Id_vente and Valeur is not null
4 inner join Commune on Commune_Id_codedep_codecommune = Id_codedep_codecommune
5 inner join Region on region_Id_region = Id_region
6 order by Valeur DESC, Surface_carrez DESC
7 LIMIT 10;
8
Total rows loaded: 10
Surface_m2 id_bien region Valeur
1 9 A32275 Ile-de-France 9000000
2 64 A21835 Ile-de-France 8600000
3 21 A29799 Ile-de-France 8577713
4 43 A32433 Ile-de-France 7620000
5 253 A29850 Ile-de-France 7600000
6 140 A29522 Ile-de-France 7535000
7 361 A31973 Ile-de-France 7420000
8 595 A32135 Ile-de-France 7200000
9 123 A29353 Ile-de-France 7050000
10 79 A29513 Ile-de-France 6600000
Grid view Form view
Status
[14:33:31] Query finished in 0.024 second(s).
[14:33:48] Query finished in 6.487 second(s).
[16:21:06] Saved SQL contents to file: C:/Users/antoi/OneDrive/Bureau/projet 3v3/requete6
script requete 1 requete 2 requete 3 requete 4 requete 5 requete 6 requete 7 requete 8 requete 9 requete 10 requete 11 requete 12 Vente (bdprojet3)

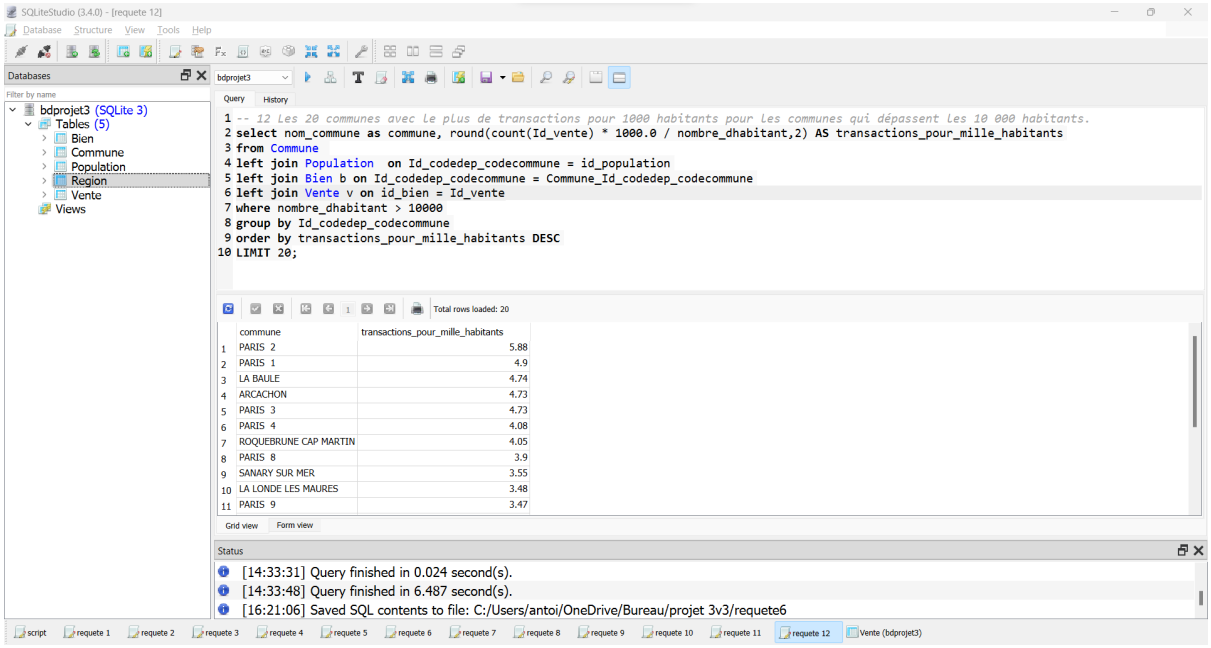

SQLiteStudio (3.4.0) - [requete 7]
Database Structure View Tools Help
Databases
bdprojet3
Filter by name
bdprojet3 (SQLite 3)
Tables (5)
Bien
Commune
Population
Region
Vente
Views
Query History
2 select ROUND(((select COUNT(Id_vente) from Vente
3 where date_vente >= '2020-01-01' and date_vente <= '2020-03-31') -
4 (select COUNT(Id_vente) from Vente
5 where date_vente >= '2020-04-01' and date_vente <= '2020-06-30')) * 1.0 /
6 (select COUNT(Id_vente) from Vente
7 where date_vente >= '2020-01-01' and date_vente <= '2020-03-31')*100,2) AS
taux_evolution_nombre_de_vente_premier_et_second_trimestre_2020;
8 -- le * 1.0 permet d'obtenir un float pour conserver la partie décimale du résultat
9
Total rows loaded: 1
taux_evolution_nombre_de_vente_premier_et_second_trimestre_2020
1 -1.62
Grid view Form view
Status
[14:33:31] Query finished in 0.024 second(s).
[14:33:48] Query finished in 6.487 second(s).
[16:21:06] Saved SQL contents to file: C:/Users/antoi/OneDrive/Bureau/projet 3v3/requete6
script requete 1 requete 2 requete 3 requete 4 requete 5 requete 6 requete 7 requete 8 requete 9 requete 10 requete 11 requete 12 Vente (bdprojet3)


SQLiteStudio (3.4.0) - [requete 8]
Database Structure View Tools Help
Databases
bdprojet3
Filter by name
bdprojet3 (SQLite 3)
Tables (5)
Bien
Commune
Population
Region
Vente
Views
Query History
1 -- 8 Classement des régions par rapport au prix au mètre carré des appartements de plus de 4 pièces.
2 select Nom_region as region, round(AVG(Valeur / Surface_carrez)) as prix_m2
3 from Bien
4 left join Vente on id_bien = Id_vente
5 left join Commune on Commune_Id_codedep_codecommune = Id_codedep_codecommune
6 left join Region on region_Id_region = Id_region
7 where Total_piece > 4 and Type_local = 'Appartement'
8 group by Nom_region
9 order by prix_m2 DESC;
Total rows loaded: 15
region prix_m2
1 Ile-de-France 8757
2 La Réunion 3636
3 Provence-Alpes-Côte d'Azur 3587
4 Corse 3106
5 Auvergne-Rhône-Alpes 2890
6 Nouvelle-Aquitaine 2465
7 Bretagne 2409
8 Pays de la Loire 2315
9 Hauts-de-France 2189
10 Occitanie 2097
11 Normandie 2015
Grid view Form view
Status
[14:33:31] Query finished in 0.024 second(s).
[14:33:48] Query finished in 6.487 second(s).
[16:21:06] Saved SQL contents to file: C:/Users/antoi/OneDrive/Bureau/projet 3v3/requete6
script requete 1 requete 2 requete 3 requete 4 requete 5 requete 6 requete 7 requete 8 requete 9 requete 10 requete 11 requete 12 Vente (bdprojet3)


SQLiteStudio (3.4.0) - [requete 9]
Database Structure View Tools Help
Databases
bdprojet3 (SQLite 3)
Tables (5)
Bien
Commune
Population
Region
Vente
Views
Query History
-- 9 Liste des communes ayant eu au moins 50 ventes au premier trimestre.
select nom_commune as commune, count(id_vente) as nombre_de_vente from bien b
join vente v
on id_bien = v.Id_Vente
join commune c
on b.Commune_Id_codedep_codecommune = c.id_codedep_codecommune
where date_vente <= "2020-03-31"
group by nom_commune
having count(id_vente) >= 50
order by nombre_de_vente desc
Total rows loaded: 48
commune nombre_de_vente
1 PARIS 17 225
2 PARIS 15 211
3 PARIS 18 208
4 NICE 169
5 PARIS 11 167
6 PARIS 16 164
7 BORDEAUX 156
8 PARIS 14 145
9 PARIS 20 127
10 NANTES 119
Grid view Form view
Status
[14:33:31] Query finished in 0.024 second(s).
[14:33:48] Query finished in 6.487 second(s).
[16:21:06] Saved SQL contents to file: C:/Users/antoi/OneDrive/Bureau/projet 3v3/requete6


SQLiteStudio (3.4.0) - [requete 10]
Database Structure View Tools Help
Databases
bdprojet3 (SQLite 3)
Tables (5)
Bien
Commune
Population
Region
Vente
Views
Query History
-- 10 Différence en pourcentage du prix au mètre carré entre un appartement de 2 pièces et un appartement de 3 pièces.
select round((((select avg(valeur/surface_local) from vente v left join bien b on id_vente = id_bien where total_piece = 3) -
(select avg(valeur/surface_local) from vente v left join bien b on id_vente = id_bien where total_piece = 2)) /
(select avg(valeur/surface_local) from vente v left join bien b on id_vente = id_bien where total_piece = 2))*100,2)
as difference_en_pourcentage_du_prix_m2_appartement_2_et_3_pieces
Total rows loaded: 1
difference_en_pourcentage_du_prix_m2_appartement_2_et_3_pieces
1 -13.54
Grid view Form view
Status
[14:33:31] Query finished in 0.024 second(s).
[14:33:48] Query finished in 6.487 second(s).
[16:21:06] Saved SQL contents to file: C:/Users/antoi/OneDrive/Bureau/projet 3v3/requete6


SQLiteStudio (3.4.0) - [requete 11]
Database Structure View Tools Help
Databases
bdprojet3 (SQLite 3)
Tables (5)
Bien
Commune
Population
Region
Vente
Views
Query History
-- 11 Moyennes de valeurs foncières pour le top 3 des communes des départements 6, 13, 33, 59 et 69.
select c.code_dep as departement, c.nom_commune as commune, ROUND(AVG(v.Valeur)) as moyenne_valeur_fonciere
from Bien b
join Commune c on b.Commune_Id_codedep_codecommune = c.Id_codedep_codecommune
join Vente v on id_bien = v.Id_vente
where c.code_dep in ('06', '13', '33', '59', '69')
group by c.code_dep, c.nom_commune
having AVG(v.Valeur) in (
select AVG(v2.Valeur) as moyenne_valeur_fonciere
from Bien b2
join Commune c2 on b2.Commune_Id_codedep_codecommune = c2.Id_codedep_codecommune
join Vente v2 on b2.id_bien = v2.Id_vente
where c2.code_dep = c.code_dep
group by c2.nom_commune
order by moyenne_valeur_fonciere DESC
LIMIT 3
)
order by c.code_dep, moyenne_valeur_fonciere DESC;
Total rows loaded: 15
departement commune moyenne_valeur_fonciere
1 06 ST JEAN CAP FERRAT 968750
2 06 EZE 655000
3 06 MOUANS SARTOUX 476898
4 13 GIGNAC LA NERTHE 330000
5 13 ST SAVOURNIN 314425
Grid view Form view
Status
[14:33:31] Query finished in 0.024 second(s).
[14:33:48] Query finished in 6.487 second(s).
[16:21:06] Saved SQL contents to file: C:/Users/antoi/OneDrive/Bureau/projet 3v3/requete6


SQLiteStudio (3.4.0) - [requete 12]
Database Structure View Tools Help
Databases
bdprojet3 (SQLite 3)
Tables (5)
Bien
Commune
Population
Region
Vente
Views
Query History
-- 12 Les 20 communes avec le plus de transactions pour 1000 habitants pour les communes qui dépassent les 10 000 habitants.
select nom_commune as commune, round(count(Id_vente) * 1000.0 / nombre_dhabitant,2) AS transactions_pour_mille_habitants
from Commune
left join Population on Id_codedep_codecommune = id_population
left join Bien b on Id_codedep_codecommune = Commune_Id_codedep_codecommune
left join Vente v on id_bien = Id_vente
where nombre_dhabitant > 10000
group by Id_codedep_codecommune
order by transactions_pour_mille_habitants DESC
LIMIT 20;
Total rows loaded: 20
commune transactions_pour_mille_habitants
1 PARIS 2 5.88
2 PARIS 1 4.9
3 LA BAULE 4.74
4 ARCACHON 4.73
5 PARIS 3 4.73
6 PARIS 4 4.08
7 ROQUEBRUNE CAP MARTIN 4.05
8 PARIS 8 3.9
9 SANARY SUR MER 3.55
10 LA LONDE LES MAURES 3.48
11 PARIS 9 3.47
Grid view Form view
Status
[14:33:31] Query finished in 0.024 second(s).
[14:33:48] Query finished in 6.487 second(s).
[16:21:06] Saved SQL contents to file: C:/Users/antoi/OneDrive/Bureau/projet 3v3/requete6