Requête 1 :

```
1  select new_schema.bien.Type_local, COUNT(*) from new_schema.bien where Type_local = "Appartement";
2
3  select count(distinct new_schema.bien.Id_bien) as "nombrevente" from new_schema.vente
4  inner join new_schema.bien on new_schema.vente.Id_bien = new_schema.bien.Id_bien
5  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:

nombrevente
31378

Requête 2 :

```
1  select  new_schema.region.Nom_region, count(*) as nbrventes from new_schema.bien
2  Inner join new_schema.commune ON new_schema.bien.Id_codedep_codecommune = new_schema.commune.Id_codedep_codecommune
3  inner join new_schema.region on new_schema.commune.Id_region = new_schema.region.Id_region
4  where Type_local = "Appartement" GROUP BY new_schema.commune.Id_region order by nbrventes desc
5
```

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

Nom_region	nbrventes
Ile-de-France	13995
Provence-Alpes-Cote-d'Azur	3649
Auvergne-Rhone-Alpes	3253
Nouvelle-Aquitaine	1932
Occitanie	1640
Pays de la Loire	1357
Hauts-de-France	1254
Grand Est	984
Bretagne	983
Normandie	862
Centre-Val de Loire	696
Bourgogne-Franche-Comté	376
Corse	223
Martinique	94
La Réunion	44
Guyane	34
Guadeloupe	2

Requête 3 :

```
1  select new_schema.bien.Total_piece,
2  ROUND(count(new_schema.bien.Type_local) * 100/(select count(distinct new_schema.bien.Id_bien) as "nombrevente" from new_schema.vente
3  inner join new_schema.bien on new_schema.vente.Id_bien = new_schema.bien.Id_bien
4  where new_schema.bien.Type_local = "Appartement" And date between "2020-01-01" and "2020-06-30"),3) as proportion from new_schema.bien
5  group by new_schema.bien.Total_piece order by new_schema.bien.Total_piece
```

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

Total_piece	proportion
0	0.105
1	21.671
2	32.029
3	30.493
4	17.637
5	5.325
6	1.176
7	0.312
8	0.089
9	0.041
10	0.013
11	0.003

Requête 4 :

```
1  SELECT new_schema.commune.Code_departement,
2  avg(new_schema.bien.Surface_carrez) as surface,
3  avg(new_schema.vente.Valeur) as prixmoyen,
4  ROUND(avg(new_schema.vente.Valeur/new_schema.bien.Surface_carrez),2) as prixm2 FROM new_schema.bien
5  inner join new_schema.commune on new_schema.bien.id_codedep_codecommune = new_schema.commune.Id_codedep_codecommune
6  inner join new_schema.vente on new_schema.bien.Id_bien = new_schema.vente.Id_bien
7  group by new_schema.commune.Code_departement order by prixm2 desc limit 10
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Fetch rows:

Code_departement	surface	prixmoyen	prixm2
75	51.60719181694769	614440.1564	12052.82
92	56.695548802400516	410372.9526	7219.39
94	57.5898182505329	278382.3738	5343.28
06	53.72562496754385	246667.3388	4700.26
74	53.921922918859416	224273.0110	4667.13
93	52.74633826730863	214833.5894	4344.78
78	64.30686638845322	257366.3026	4225.25
69	64.8882010212701	252641.9129	4059.28
2A	59.22418712018951	223161.3143	4026.97
33	57.417094446171475	204860.0549	3764.14

Requête 5 :

```
SELECT new_schema.commune.Id_region as Ile_de_France,
ROUND(avg(new_schema.vente.Valeur/new_schema.bien.Surface_carrez),2) as prixm2 FROM new_schema.bien
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
where new_schema.commune.Id_region = 12 AND new_schema.bien.Type_local = "Maison"
```

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

Ile_de_France	prixm2
12	3745.09

Requête 6 :

```
select new_schema.region.Nom_region, new_schema.commune.Code_departement , new_schema.bien.Surface_carrez, new_schema.vente.Valeur, new_schema.bien.Id_bien
from new_schema.bien 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
inner join new_schema.region on new_schema.commune.Id_region = new_schema.region.Id_region
where new_schema.bien.Type_local = "Appartement" group by new_schema.vente.Valeur order by new_schema.vente.Valeur desc limit 10
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Fetch rows:

Nom_region	Code_departement	Surface_carrez	Valeur	Id_bien
Ile-de-France	75	9.1	9000000	30603
Ile-de-France	91	64	8600000	5261
Ile-de-France	75	20.55	8577713	3625
Ile-de-France	75	42.77	7620000	7602
Ile-de-France	75	253.3	7600000	9988
Ile-de-France	75	139.9	7535000	17823
Ile-de-France	75	360.95	7420000	410
Ile-de-France	75	595	7200000	16357
Ile-de-France	75	122.56	7050000	1924
Ile-de-France	75	79.38	6600000	19161

Requête 7 :

```
1  with
2  Prems as (select count(new_schema.vente.Id_vente) as primal from new_schema.vente where date between "2020-01-01" and "2020-03-31"),
3  Segundo as (select count(new_schema.vente.Id_vente) as alterna from new_schema.vente where date between "2020-04-01" and "2020-06-30")
4  select ((alterna-primal)/primal*100) as evolution FROM Prems, Segundo
```

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

evolution
3.6779

Requête 8 :

```
1  SELECT new_schema.region.Nom_region,
2  ROUND(avg(new_schema.vente.Valeur/new_schema.bien.Surface_carrez),2) as prixm2 FROM new_schema.bien
3  inner join new_schema.commune on new_schema.bien.id_codedep_codecommune = new_schema.commune.Id_codedep_codecommune
4  inner join new_schema.vente on new_schema.bien.Id_bien = new_schema.vente.Id_bien
5  inner join new_schema.region on new_schema.commune.Id_region = new_schema.region.Id_region
6  where new_schema.bien.Total_piece > 4 AND new_schema.bien.Type_local = "Appartement"
7  group by new_schema.commune.Id_region order by prixm2 desc
```

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

Nom_region	prixm2
Ile-de-France	8770.44
La Réunion	3641.81
Provence-Alpes-Cote-d'Azur	3587.65
Corse	3104.88
Auvergne-Rhone-Alpes	2891.38
Nouvelle-Aquitaine	2465.48
Bretagne	2412.05
Pays de la Loire	2315.76
Hauts-de-France	2189.93
Occitanie	2097.23
Normandie	2015.77
Grand Est	1540.89
Centre-Val de Loire	1453.11
Bourgogne-Franche-Comté	1251.19
Martinique	573.48

Requête 9 :

```
1  SELECT new_schema.commune.Nom_commune, count(*) as nombrevente from new_schema.bien
2  inner join new_schema.commune on new_schema.bien.id_codedep_codecommune = new_schema.commune.Id_codedep_codecommune
3  inner join new_schema.vente on new_schema.bien.Id_bien = new_schema.vente.Id_bien
4  where date between "2020-01-01" and "2020-03-31"
5  group by new_schema.commune.Nom_commune
6  having nombrevente > 50
```

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

Nom_commune	nombrevente
ANTIBES	77
NICE	173
LA CIOTAT	62
MARSEILLE 8EME	81
TOULOUSE	78
BORDEAUX	157
GRENOBLE	106
PARIS 05	79
PARIS 10	109
PARIS 11	169
PARIS 12	110
PARIS 15	215
PARIS 18	209
COURBEVOIE	80
LEVALLOIS-PER...	59
VINCENNES	68
MARSEILLE 1ER	71
MARSEILLE 4EME	72
MARSEILLE 9EME	66
NIMES	63
NANTES	119
PARIS 02	61
PARIS 03	79
PARIS 04	60
PARIS 06	86
PARIS 07	87
PARIS 14	146
PARIS 17	228

Requête 10 :

```
1  with
2
3  deuxpiece as(SELECT new_schema.bien.Total_piece,
4  avg(new_schema.bien.Surface_carrez) as surface,
5  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
8  inner join new_schema.vente on new_schema.bien.Id_bien = new_schema.vente.Id_bien
9  where new_schema.bien.Total_piece = 2 and new_schema.bien.Type_local = "Appartement"),
10
11 troispiece as (SELECT new_schema.bien.Total_piece,
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
16 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
19 select ((prix3piece-prix2piece)/prix2piece*100) as difference from deuxpiece, troispiece
```

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

difference
-12.400556577577577

Requête 11 :

```
with

pomme as(SELECT new_schema.commune.Code_departement, new_schema.commune.Nom_commune,
avg(new_schema.vente.Valeur) as prixmoyen,
RANK() over (partition by new_schema.commune.Code_departement order by avg(new_schema.vente.Valeur) desc ) as ranking
FROM new_schema.bien
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
where new_schema.commune.Code_departement in (6,13,33,59,69)
group by new_schema.commune.Nom_commune
order by new_schema.commune.Code_departement )

select * from pomme where ranking <=3
```

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

Code_departement	Nom_commune	prixmoyen	ranking
06	SAINT-JEAN-CAP-FERRAT	968750.0000	1
06	EZE	655000.0000	2
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	1
33	VAYRES	335000.0000	2
33	ARCACHON	307435.9273	3
59	BERSEE	433202.0000	1
59	CYSOING	408550.0000	2
59	HALLUIN	322250.0000	3
69	VILLE SUR JARNIOUX	485300.0000	1
69	LYON 2EME	455217.2609	2
69	LYON 6EME	426968.2500	3

Requête 12 :

Limit to 1000 rows

```
round(round(count((new_schema.vente.Id_bien))*1000,2)/new_schema.commune.Total_population,2) as nbr1k from new_schema.vente
inner join new_schema.bien on new_schema.bien.Id_bien = new_schema.vente.Id_bien
inner join new_schema.commune on new_schema.bien.Id_codedep_codecommune = new_schema.commune.Id_codedep_codecommune
where new_schema.commune.Total_population > 10000
group by new_schema.commune.Nom_commune
order by nbr1k desc limit 20
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Fetch rows:

Nom_commune	Total_population	nbr1k
PARIS 02	21735	5.84
PARIS 01	16055	4.92
PARIS 03	34306	4.69
ARCACHON	11898	4.62
LA BAULE-ESCOUBLAC	16797	4.58
PARIS 04	29390	4.08
ROQUEBRUNE CAP MARTIN	13041	3.99
PARIS 08	36250	3.83
SANARY SUR MER	17160	3.50
LA LONDE LES MAURES	10776	3.43
PARIS 09	60563	3.43
PARIS 06	41171	3.38
SAINT-CYR-SUR-MER	11725	3.24
CHANTILLY	11178	3.13
PORNICHET	11440	3.06
SAINT-MANDE	22576	3.06
PARIS 10	86863	3.04
MENTON	30981	2.94
SAINT-HILAIRE-DE-RIEZ	11501	2.87
VINCENNES	50230	2.81