

# Table-> Bien

**SCHEMAS**

Filter objects

- data\_immo
  - Tables
    - bien
      - Columns
      - Indexes
      - Foreign Keys
        - Id\_codedep\_codecommune
      - Triggers
    - commune
      - Columns
      - Indexes
      - Foreign Keys
        - Id\_region
      - Triggers
    - population

Administration Schemas

Information

**Table: bien**

**Columns:**

Id_Bien	int PK
Local	varchar(50)
Surface_carrez	float
Type_local	varchar(50)
Surface_local	varchar(50)
Total_piece	int
Id_codedep_codecommune	varchar(50)

**Related Tables:**

Target	commune (Id_codedep_codecommune → Id_codedep_codecommune)
On Update	RESTRICT
On Delete	RESTRICT

Object Info Session

Table Name: bien Schema: data\_immo

Charset/Collation: utf8mb4 utf8mb4\_0900\_ai\_ci Engine: InnoDB

Comments:

Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Default/Expression
Id_Bien	INT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Local	VARCHAR(50)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Surface_carrez	FLOAT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
Type_local	VARCHAR(50)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Surface_local	VARCHAR(50)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL

Column Name: Data Type: Charset/Collation: Default: Storage: ☐ Virtual ☐ Stored ☐ Primary Key ☐ Not Null ☐ Unique ☐ Binary ☐ Unsigned ☐ Zero Fill ☐ Auto Increment ☐ Generated

Comments:

Columns Indexes Foreign Keys Triggers Partitioning Options

Apply Revert

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Context Help Snippets

Output

#	Time	Action	Message	Duration / Fetch
Action Output				

SCHEMAS

Filter objects

data\_immo

Tables

bien

Columns

Indexes

Foreign Keys

Id\_codedep\_codecommune

Triggers

commune

Columns

Indexes

Foreign Keys

Id\_region

Triggers

population

Administration

Schemas

Information

Table: bien

Columns:

Id\_Bien

Local

Surface\_carrez

Type\_local

Surface\_local

Total\_piece

Id\_codedep\_codecommune

int PK

varchar(50)

float

varchar(50)

varchar(50)

int

varchar(50)

Related Tables:

commune

(Id\_codedep\_codecommune → Id\_codedep\_codecommune)

On Update RESTRICT

On Delete RESTRICT

Object Info

Session

1

SELECT \* FROM data\_immo.bien;

Don't Limit

Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Content:

Fetch rows:

	Id_Bien	Local	Surface_carrez	Type_local	Surface_local	Total_piece	Id_codedep_codecommune
▶	1	190RUECENTRALE	50.42	Appartement	52	2	0
	2	347RUE DU CHATEAU	48.22	Appartement	48	3	1
	3	58AVDU MONT BLANC	130.8	Appartement	130	6	2
	4	140RUE DE L'ABBE JOLIVET	109.22	Maison	109	5	3
	5	39RUE BUFFON	108.65	Appartement	91	4	4
	6	28AV JEAN FALCONNIER	31.65	Appartement	32	2	5
	7	8RUE DE GENEVE	52.58	Appartement	52	2	6

bien 1 x

Apply

Revert

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	14:58:08	SELECT * FROM data_immo.bien	34169 row(s) returned	0.000 sec / 0.032 sec

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Context Help

Snippets

# Table->Commune

SCHEMAS

Filter objects

data\_immo

Tables

bien

Columns

Indexes

Foreign Keys

Id\_codedep\_codecommune

Triggers

commune

Columns

Indexes

Foreign Keys

Id\_region

Triggers

population

Administration

Schemas

Information

Table: **commune**

Columns:

Id\_codedep\_codecommune

varchar(50)

PK

Code\_departement

int

Nom\_commune

varchar(50)

Id\_region

int

Related Tables:

Target

region (Id\_region →

On Update

Id\_region)

On Delete

RESTRICT

Table Name: commune

Schema: data\_immo

Charset/Collation: utf8mb4 utf8mb4\_0900\_ai\_ci

Engine: InnoDB

Comments:

Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Default/Expression
Id_codedep_codecommune	VARCHAR(50)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Code_departement	INT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Nom_commune	VARCHAR(50)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Id_region	INT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Column Name:

Charset/Collation:

Comments:

Data Type:

Default:

Storage: ☐ Virtual ☐ Stored

☐ Primary Key ☐ Not Null ☐ Unique

☐ Binary ☐ Unsigned ☐ Zero Fill

☐ Auto Increment ☐ Generated

Columns

Indexes

Foreign Keys

Triggers

Partitioning

Options

Apply

Revert

Context Help

Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
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Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

SCHEMAS

Filter objects

data\_immo

Tables

bien

Columns

Indexes

Foreign Keys

Id\_codedep\_codecommune

Triggers

commune

population

Columns

Indexes

Foreign Keys

Triggers

region

Administration

Schemas

Information

Table: **commune**

Columns:

Id\_codedep\_codecommune

Code\_departement

Nom\_commune

Id\_region

varchar(50)

int

varchar(50)

int

Related Tables:

Target

region (Id\_region → Id\_region)

On Update

RESTRICT

On Delete

RESTRICT

1

SELECT \* FROM data\_immo.commune;

Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Content:

Fetch rows:

	Id_codedep_codecommune	Code_departement	Nom_commune	Id_region
▶	0	1	SAINT-ETIENNE-DU-BOIS	84
	1	1	CHEVRY	84
	10	1	AMBERIEU-EN-BUGEY	84
	100	4	PIERRERUE	93
	1000	35	SAINT-ARMEL	53
	1001	35	SENS-DE-BRETAGNE	53
	1002	35	MONTREUIL-SUR-ILLE	53

commune 1

×

Apply

Revert

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	14:58:08	SELECT * FROM data_immo.bien	34169 row(s) returned	0.000 sec / 0.032 sec
✓ 2	15:02:13	SELECT * FROM data_immo.commune	3167 row(s) returned	0.000 sec / 0.000 sec

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Context Help

Snippets

# Table->Population

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

requetes6\_221204\_V3\* population - Table

Table Name: population Schema: data\_immo

Charset/Collation: utf8mb4 utf8mb4\_0900\_ai\_ci Engine: InnoDB

Comments:

Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Default/Expression
Id_codedep_codecommune	VARCHAR(50)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Nbre_habitant	INT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Column Name: Data Type: Charset/Collation: Default: Storage: ☐ Virtual ☐ Stored ☐ Primary Key ☐ Not Null ☐ Unique ☐ Binary ☐ Unsigned ☐ Zero Fill ☐ Auto Increment ☐ Generated

Comments:

Columns Indexes Foreign Keys Triggers Partitioning Options

Apply Revert

Table: population

Columns:

Id\_codedep\_codecommune varchar(50) PK

Nbre\_habitant int

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

data\_immo

Tables

bien

commune

population

Columns

Id\_codedep\_codecommune

Nbre\_habitant

Indexes

Foreign Keys

Triggers

region

vente

Views

Stored Procedures

Functions

Administration Schemas

Information

Table: **population**

Columns:

Id\_codedep\_codecommune varchar(50)  
PK  
Nbre\_habitant int

requetes6\_221204\_V3\* population population x

1 • SELECT \* FROM data\_immo.population;

Result Grid

	Id_codedep_codecommune	Nbre_habitant
▶	10002	242
	10003	3584
	10004	209
	10005	267
	10006	2884
	10007	106
	10008	114
	10009	89
	1001	798
	10010	49
	10011	211

population 1 x

Apply Revert Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	07:21:39	SELECT * FROM data_immo.population	34878 row(s) returned	0.000 sec / 0.016 sec

Object Info Session

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.



# Table->Région

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator: requetes6\_221204\_V3\* region - Table x

**SCHEMAS**

Filter objects

**data\_immo**

- Tables
  - bien
  - commune
  - population
  - region**
    - Columns
    - Indexes
    - Foreign Keys
    - Triggers
  - vente
- Views
- Stored Procedures
- Functions

**Table: region**

**Columns:**

- Id\_region** int PK
- Nom\_region varchar(50)

Table Name: region Schema: data\_immo

Charset/Collation: utf8mb4 utf8mb4\_0900\_ai\_ci Engine: InnoDB

Comments:

Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Default/Expression
Id_region	INT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Nom_region	VARCHAR(50)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Column Name: Data Type: Default: Storage: ☐ Virtual ☐ Stored ☐ Primary Key ☐ Not Null ☐ Unique ☐ Binary ☐ Unsigned ☐ Zero Fill ☐ Auto Increment ☐ Generated

Comments:

Columns Indexes Foreign Keys Triggers Partitioning Options

Apply Revert

MySQL Workbench

Local instance MySQL80 - x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

data\_immo

- Tables
  - bien
  - commune
  - population
  - region
- Columns
- Indexes
- Foreign Keys
- Triggers
- vente
- Views
- Stored Procedures
- Functions

Administration Schemas

Information

Table: region

Columns:

- Id\_region int PK
- Nom\_region varchar(50)

region

1 • SELECT \* FROM data\_immo.region;

Result Grid

	Id_region	Nom_region
1	1	Guadeloupe
2	2	Martinique
3	3	Guyane
4	4	La Réunion
11	11	Île-de-France
24	24	Centre-Val de Loire
27	27	Bourgogne-Franche-Comté
28	28	Normandie
32	32	Hauts-de-France
44	44	Grand Est
52	52	Pays de la Loire

region 1 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	07:28:09	SELECT * FROM data_immo.region	17 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.



# Table->Vente

SCHEMAS

Filter objects

Triggers

region

Columns

Indexes

Foreign Keys

Triggers

vente

Columns

Indexes

Foreign Keys

Id\_bien

Triggers

Views

Stored Procedures

Functions

Administration Schemas

Information

Table: **vente**

Columns:  

**Id\_vente**

int PK

Date

date

Valeur

int

**Id\_bien**

int

Related Tables:  

Target

bien (Id\_bien → Id\_Bien)

On Update

RESTRICT

On Delete

RESTRICT

Table Name: vente

Schema: data\_immo

Charset/Collation: utf8mb4 utf8mb4\_0900\_ai\_ci

Engine: InnoDB

Comments:

Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Default/Expression
Id_vente	INT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Date	DATE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Valeur	INT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
Id_bien	INT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Column Name:

Charset/Collation:

Comments:

Data Type:

Default:

Storage: 

☐ Virtual

☐ Stored

☐ Primary Key

☐ Not Null

☐ Unique

☐ Binary

☐ Unsigned

☐ Zero Fill

☐ Auto Increment

☐ Generated

Columns

Indexes

Foreign Keys

Triggers

Partitioning

Options

Apply

Revert

Output

Action Output

#	Time	Action	Message	Duration / Fetch
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Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Context Help

Snippets

Object Info

Session

## SCHEMAS

Filter objects

- Triggers
- region
  - Columns
  - Indexes
  - Foreign Keys
  - Triggers
- vente
  - Columns
  - Indexes
  - Foreign Keys
  - Id\_bien
  - Triggers
- Views
- Stored Procedures
- Functions

Administration Schemas

Information

Table: **commune**

Columns:

<u>Id_codedep</u>	codecommune	varchar(50)
Code_departement		int
Nom_commune		varchar(50)
<u>Id_region</u>		int

Related Tables:

Target	region (Id_region → Id_region)
On Update	RESTRICT
On Delete	RESTRICT

Object Info Session

Don't Limit

1 • SELECT \* FROM data\_immo.vente;

Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content: Fetch rows:

	Id_vente	Date	Valeur	Id_bien
▶	1	2020-02-03	56000	1
	2	2020-01-02	165000	2
	3	2020-01-08	720000	3
	4	2020-01-06	429250	4
	5	2020-01-07	220900	5
	6	2020-01-21	42000	6
	7	2020-01-07	262000	7

vente 2 x

Apply

Revert

Context Help

Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	15:05:01	SELECT * FROM data_immo.vente	34151 row(s) returned	0.000 sec / 0.000 sec