CREATE TABLE public.COMMUNE (

Id\_com SMALLINT NOT NULL,

Cod\_post SMALLINT NOT NULL,

Nom\_com VARCHAR NOT NULL,

Cod\_dep VARCHAR NOT NULL,

CONSTRAINT commune\_pk PRIMARY KEY (Id\_com)

);

CREATE SEQUENCE public.voie\_id\_voie\_seq;

CREATE TABLE public.VOIE (

Id\_voie BIGINT NOT NULL DEFAULT nextval('public.voie\_id\_voie\_seq'),

Cod\_voie VARCHAR NOT NULL,

Type\_voie VARCHAR NOT NULL,

Nom\_voie VARCHAR NOT NULL,

No\_voie SMALLINT NOT NULL,

Id\_com SMALLINT NOT NULL,

CONSTRAINT voie\_pk PRIMARY KEY (Id\_voie)

);

ALTER SEQUENCE public.voie\_id\_voie\_seq OWNED BY public.VOIE.Id\_voie;

CREATE SEQUENCE public.bien\_immo\_id\_bien\_immo\_seq;

CREATE TABLE public.BIEN\_IMMO (

Id\_bien\_immo INTEGER NOT NULL DEFAULT nextval('public.bien\_immo\_id\_bien\_immo\_seq'),

Cod\_type\_loc VARCHAR NOT NULL,

No\_plan INTEGER NOT NULL,

Surf\_re NUMERIC NOT NULL,

Nbre\_pie SMALLINT NOT NULL,

Surf\_car NUMERIC NOT NULL,

Surf\_lot VARCHAR NOT NULL,

Id\_voie BIGINT NOT NULL,

CONSTRAINT bien\_immo\_pk PRIMARY KEY (Id\_bien\_immo)

);

ALTER SEQUENCE public.bien\_immo\_id\_bien\_immo\_seq OWNED BY public.BIEN\_IMMO.Id\_bien\_immo;

CREATE SEQUENCE public.vente\_id\_vente\_seq;

CREATE TABLE public.VENTE (

Id\_vente INTEGER NOT NULL DEFAULT nextval('public.vente\_id\_vente\_seq'),

Date\_mut DATE NOT NULL,

Nat\_mut VARCHAR NOT NULL,

Val\_fonc NUMERIC NOT NULL,

Id\_bien\_immo INTEGER NOT NULL,

CONSTRAINT vente\_pk PRIMARY KEY (Id\_vente)

);

ALTER SEQUENCE public.vente\_id\_vente\_seq OWNED BY public.VENTE.Id\_vente;

ALTER TABLE public.VOIE ADD CONSTRAINT commune\_voie\_fk

FOREIGN KEY (Id\_com)

REFERENCES public.COMMUNE (Id\_com)

ON DELETE NO ACTION

ON UPDATE NO ACTION

NOT DEFERRABLE;

ALTER TABLE public.BIEN\_IMMO ADD CONSTRAINT voie\_bien\_immo\_fk

FOREIGN KEY (Id\_voie)

REFERENCES public.VOIE (Id\_voie)

ON DELETE NO ACTION

ON UPDATE NO ACTION

NOT DEFERRABLE;

ALTER TABLE public.VENTE ADD CONSTRAINT bien\_immo\_vente\_fk

FOREIGN KEY (Id\_bien\_immo)

REFERENCES public.BIEN\_IMMO (Id\_bien\_immo)

ON DELETE NO ACTION

ON UPDATE NO ACTION

NOT DEFERRABLE;