Membuat tabel dan primary key dari masing-masing tabel :

CREATE TABLE IF NOT EXISTS public.customers_dataset

(

    customer_id character varying COLLATE pg_catalog."default" NOT NULL,

    customer_unique_id character varying COLLATE pg_catalog."default",

    customer_zip_code_prefix numeric,

    customer_city character varying COLLATE pg_catalog."default",

    customer_state character varying COLLATE pg_catalog."default",

    CONSTRAINT customers_dataset_pkey PRIMARY KEY (customer_id)

);

CREATE TABLE IF NOT EXISTS public.geolocation_dataset

(

    geolocation_zip_code_prefix numeric NOT NULL,

    geolocation_lat numeric,

    geolocation_lng numeric,

    geolocation_city character varying COLLATE pg_catalog."default",

    geolocation_state character varying COLLATE pg_catalog."default",

    CONSTRAINT geolocation_dataset_pkey PRIMARY KEY (geolocation_zip_code_prefix)

);

CREATE TABLE IF NOT EXISTS public.order_dataset

(

    order_id character varying COLLATE pg_catalog."default" NOT NULL,

    customer_id character varying COLLATE pg_catalog."default",

    order_status character varying COLLATE pg_catalog."default",

    order_purchase_timestamp timestamp without time zone,

```sql
    order_approved_at timestamp without time zone,

    order_delivered_carrier_date timestamp without time zone,

    order_delivered_customer_date timestamp without time zone,

    order_estimated_delivery_date timestamp without time zone,

    CONSTRAINT order_dataset_pkey PRIMARY KEY (order_id)
);


CREATE TABLE IF NOT EXISTS public.order_items_dataset
(
    order_id character varying COLLATE pg_catalog."default",

    order_item_id numeric,

    product_id character varying COLLATE pg_catalog."default",

    seller_id character varying COLLATE pg_catalog."default",

    shipping_limit_date timestamp without time zone,

    price numeric,

    freight_value numeric
);


CREATE TABLE IF NOT EXISTS public.order_payments_dataset
(
    order_id character varying COLLATE pg_catalog."default",

    payment_sequential numeric,

    payment_type character varying COLLATE pg_catalog."default",

    payment_installments numeric,

    payment_value numeric
);
```
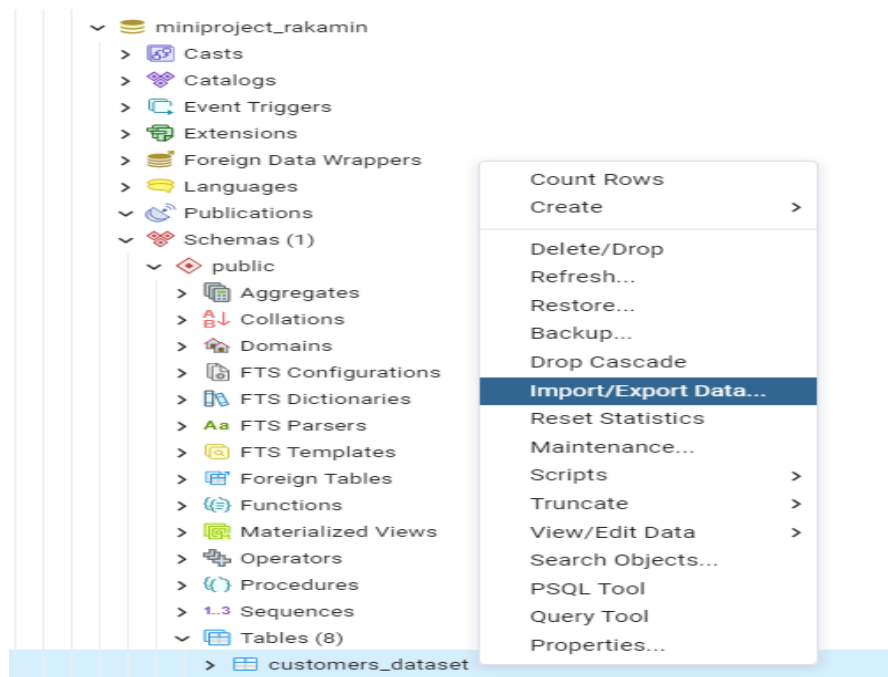
```sql
CREATE TABLE IF NOT EXISTS public.order_reviews_dataset
(
    review_id character varying COLLATE pg_catalog."default" NOT NULL,
    order_id character varying COLLATE pg_catalog."default",
    review_score numeric,
    review_comment_title character varying COLLATE pg_catalog."default",
    review_comment_message character varying COLLATE pg_catalog."default",
    review_creation_date timestamp without time zone,
    review_answer_timestamp timestamp without time zone,
    CONSTRAINT order_reviews_dataset_pkey PRIMARY KEY (review_id)
);


CREATE TABLE IF NOT EXISTS public.products_dataset
(
    product_id character varying COLLATE pg_catalog."default" NOT NULL,
    product_category_name character varying COLLATE pg_catalog."default",
    product_name_lenght numeric,
    product_description_lenght numeric,
    product_photos_qty numeric,
    product_weight_g numeric,
    product_length_cm numeric,
    product_height_cm numeric,
    product_width_cm numeric,
    CONSTRAINT products_dataset_pkey PRIMARY KEY (product_id)
);
```
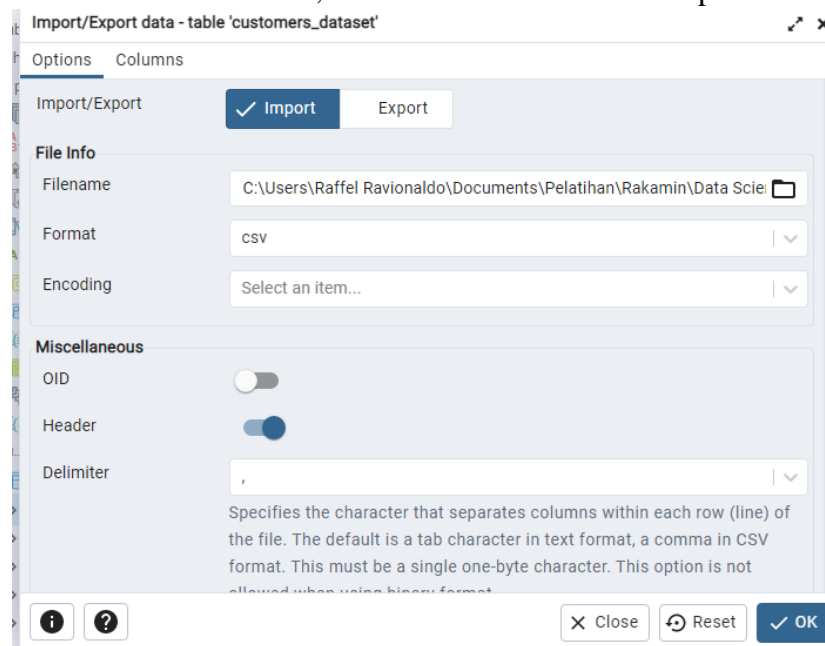
```sql
CREATE TABLE IF NOT EXISTS public.sellers_dataset
(
    seller_id character varying COLLATE pg_catalog."default" NOT NULL,
    seller_zip_code_prefix numeric,
    seller_city character varying COLLATE pg_catalog."default",
    seller_state character varying COLLATE pg_catalog."default",
    CONSTRAINT selles_datase_pkey PRIMARY KEY (seller_id)
);
```

Untuk import file csv kedalam postgreSQL

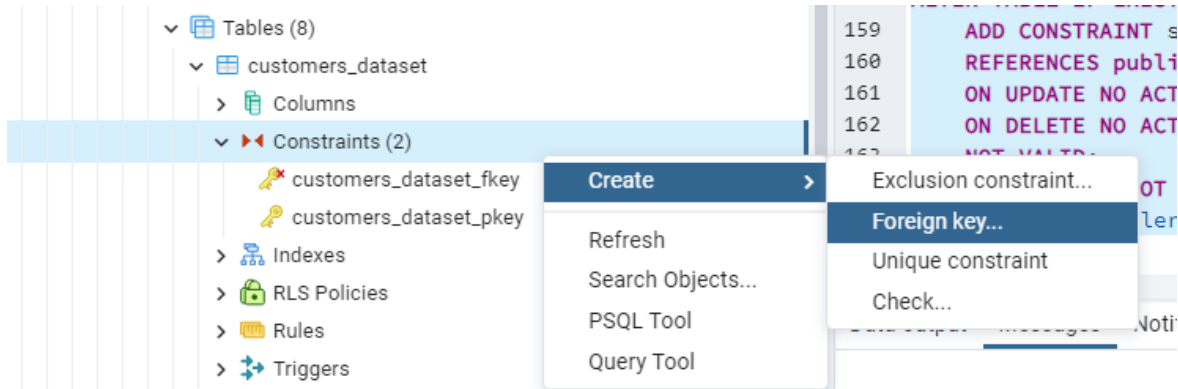1. Klik kanan pada tabel yang diinginkan

2. Masukkan file csv melalui Filename, lalu on header dan delimiter pilih tanda koma.
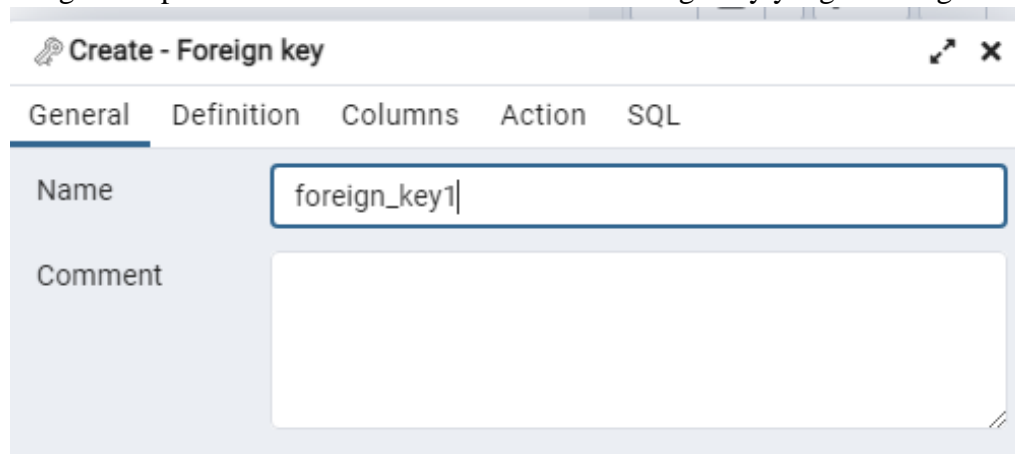
Untuk membuat foreign key

Cara 1 :

1. Klik kanan pada constraints, lalu pilih create → foreign key

2. Pada tab general pada kolom Name masukkan nama foreign key yang anda inginkan.

3. Klik tab columns, pada local columns pilih kolom pada tabel yang akan menjadi foreign key, lalu references merupakan tabel yang akan menjadi foreign key dari tabel kita, kemudian referencing adalan kolom dari tabel yang akan menjadi foreign key, klik add kemudian klik save.

Cara 2 :

ALTER TABLE IF EXISTS public.customers_dataset

    ADD CONSTRAINT customers_dataset_fkey FOREIGN KEY (customer_zip_code_prefix)

    REFERENCES public.geolocation_dataset (geolocation_zip_code_prefix) MATCH FULL

ALTER TABLE IF EXISTS public.order_dataset

    ADD CONSTRAINT order_dataset_fk1 FOREIGN KEY (customer_id)

REFERENCES public.customers_dataset (customer_id) MATCH SIMPLE

ALTER TABLE IF EXISTS public.order_items_dataset
    ADD CONSTRAINT order_items_dataset_fk1 FOREIGN KEY (order_id)
    REFERENCES public.order_dataset (order_id) MATCH SIMPLE

ALTER TABLE IF EXISTS public.order_items_dataset
    ADD CONSTRAINT order_items_dataset_fk2 FOREIGN KEY (product_id)
    REFERENCES public.products_dataset (product_id) MATCH SIMPLE

ALTER TABLE IF EXISTS public.order_items_dataset
    ADD CONSTRAINT order_items_dataset_fk3 FOREIGN KEY (seller_id)
    REFERENCES public.sellers_dataset (seller_id) MATCH SIMPLE

ALTER TABLE IF EXISTS public.order_payments_dataset
    ADD CONSTRAINT payments_dataset_fkey FOREIGN KEY (order_id)
    REFERENCES public.order_dataset (order_id) MATCH SIMPLE

ALTER TABLE IF EXISTS public.order_reviews_dataset
    ADD CONSTRAINT order_reviews_dataset_fk2 FOREIGN KEY (order_id)
    REFERENCES public.order_dataset (order_id) MATCH SIMPLE

ALTER TABLE IF EXISTS public.sellers_dataset
    ADD CONSTRAINT selles_database_fkey FOREIGN KEY (seller_zip_code_prefix)
    REFERENCES public.geolocation_dataset (geolocation_zip_code_prefix) MATCH SIMPLE