

Customer		
PK	customer_id	SERIAL
	first_name	VARCHAR(100)
	last_name	VARCHAR(100)
	age	INTEGER
	email	VARCHAR(150)

from customer to transaction, it is a 1:many because...

Transaction		
PK	transaction_id	SERIAL
	date	DATETIME
FK	customer_id	INTEGER

Sale		
PK	sale_id	SERIAL
FK	transaction_id	INTEGER
FK	product_id	INTEGER

Product		
PK	product_id	SERIAL
	product_name	VARCHAR(100)
	description	VARCHAR(300)
	image_url	VARCHAR
	price	NUMERIC(10,2)