

Salesperson		
PK	salesperson_id	SERIAL
	first_name	VARCHAR(100)
	last_name	VARCHAR(150)
	num_of_sales	INTEGER

A salesperson can sell many cars, but each car is only sold by one salesman

Car		
PK	vin_number	VARCHAR(17)
	make	VARCHAR(30)
	model	VARCHAR(30)
	year	INTEGER
	color	VARCHAR(25)
	price	NUMERIC(8,2)
	trim_level	VARCHAR(75)
FK	salesperson_id	INTEGER
FK	invoice_id	Type

A salesperson can only write one invoice for each car that they sell. However there can be many invoices if there are multiple cars sold.

Invoice		
PK	invoice_id	SERIAL
	date_	DATE
FK	customer_id	INTEGER

If a customer buys a car, they can only have one invoice.

Customer		
PK	customer_id	SERIAL
	first_name	VARCHAR(100)
	last_name	VARCHAR(150)
	address	VARCHAR(200)
	billing_info	VARCHAR(100)
FK	vin_number	VARCHAR(17)
FK	service_id	INTEGER

A customer may buy zero, or many cars, but only one car can be assigned to one customer.

Many cars can be serviced, but that car only belongs to one customer.

Service		
PK	service_id	SERIAL
	repair_cost	NUMERIC(8,2)
	part_id	VARCHAR(150)
	vin_number	VARCHAR(17)
FK	mechanic_id	INTEGER

A customer can decide not to get the car serviced, but if it does it can be worked one by one or many mechanics

Mechanic		
PK	mechanic_id	SERIAL
	first_name	VARCHAR(100)
	last_name	VARCHAR(150)