

Car Dealership ERD

salesperson			
PK	salesperson_id	SERIAL	
	first_name	VARCHAR(45)	
	last_name	VARCHAR(45)	
	phone_number	INTEGER	
	email	VARCHAR(45)	

sale		
PK	sale_id	SERIAL
FK	customer_id	INTEGER
	sale_date	DATE DEFAULT CURRENT_DATE
	total	NUMERIC(9,2)

car		
PK	car_id	SERIAL
FK	sale_id	INTEGER
FK	customer_id	INTEGER
FK	salesperson_id	INTEGER
	make	VARCHAR(45)
	model	VARCHAR(45)
	year	INTEGER
	mileage	INTEGER
	new_car	BOOLEAN
	msrp	NUMERIC(9,2)

customer		
PK	customer_id	SERIAL
	first_name	VARCHAR(45)
	last_name	VARCHAR(45)
	address	VARCHAR(100)
	city	VARCHAR(45)
	customer_state	VARCHAR(45)
	zipcode	INTEGER
	phone_number	INTEGER
	email	VARCHAR(45)
	billing_info	VARCHAR(45)

service_order		
PK	service_order_id	SERIAL
FK	car_id	INTEGER
	service_date	DATE DEFAULT CURRENT_DATE
	total	NUMERIC(9,2)

part		
PK	part_id	SERIAL
	name	VARCHAR(45)
	quantity	INTEGER
	amount	NUMERIC(7,2)
	weight	INTEGER

mechanic		
PK	mechanic_id	SERIAL
	first_name	VARCHAR(45)
	last_name	VARCHAR(45)
	hourly_rate	NUMERIC(5,2)
	phone_number	INTEGER
	email	VARCHAR(45)

mechanic_schedule		
PK	m_sch_id	SERIAL
FK	mechanic_id	INTEGER
FK	service_order_id	INTEGER

service_schedule		
PK	s_sch_id	SERIAL
FK	service_id	INTEGER
FK	service_order_id	INTEGER

service		
PK	service_id	SERIAL
	part_id	VARCHAR(50)
	hours	INTEGER
	service_date	DATE DEFAULT CURRENT_DATE
	sub_total	NUMERIC(7,2)

part_list		
PK	part_list_id	SERIAL
FK	service_id	INTEGER
FK	part_id	INTEGER

