

employee_role		
PK	employee_role_id	SERIAL
	sales	BOOL
	mechanic	BOOL
	admin	BOOL

employee		
PK	employee_id	SERIAL
	first_name	VARCHAR
	last_name	VARCHAR
	phone	INT
	email	INT
FK	address_id	INT
FK	role_id	INT

invoice		
PK	invoice_id	SERIAL
FK	employee_id	INT
FK	customer_id	INT
FK	purchase_id	INT
	total_price	INT

dealership		
PK	dealership_id	SERIAL
FK	employee_id	INT
FK	address_id	INT

address		
PK	adress_id	SERIAL
	address1	VARCHAR
	address2	VARCHAR
	city	VARCHAR
	state	VARCHAR
	zip_code	INT

customer		
PK	customer_id	SERIAL
	first_name	VARCHAR
	last_name	VARCHAR
FK	address_id	INT

purchase		
PK	purchase_id	SERIAL
FK	customer_id	INT
FK	purchase_type_id	INT

purchase_type		
PK	invoice_type_id	SERIAL
FK	car_service_id	INT
FK	inventory_id	INT

service		
PK	car_service_id	SERIAL
	make	VARCHAR
	model	VARCHAR
	color	VARCHAR
	year	INT
	mileage	DATE
FK	service_action_id	INT

inventory		
PK	inventory_id	SERIAL
FK	make	VARCHAR
	model	VARCHAR
	car_year	INT
	new	BOOL
	last_service	DATE
	car_price	INT

customer_history		
PK	cust_hist_id	SERIAL
FK	invoice_id	INT
FK	customer_id	INT

service_action		
PK	service_action_id	SERIAL
	inspection	BOOL
	emissions	BOOL
	tires	BOOL
	oil	BOOL
	brakes	BOOL
	window	BOOL
	windshield	BOOL
	electronics	BOOL
	engine	BOOL
	other	VARCHAR

First layer

Second layer

Third layer

Fourth layer

Fifth layer

Sixth layer

Interdependency