

# CAR DEALERSHIP ERD

Patrick Nedumackal | October 14, 2019

Car		
Car_ID	Primary Key	SERIAL
Serial_Number		INTEGER
Make		VARCHAR(150)
Model		VARCHAR(150)
Color		VARCHAR(150)
Year		INTEGER
Sale		VARCHAR(100)

Salesperson		
Salesperson_ID	PRIMARY KEY	SERIAL
First_name		VARCHAR(150)
Last_name		VARCHAR(150)

Sales Invoice		
invoice_ID	PRIMARY KEY	SERIAL
Invoice_Number		INTEGER
Date		Datetime
Car_ID	Foreign Key	INTEGER
Customer_ID	Foreign Key	INTEGER
Salesperson_ID	Foreign Key	INTEGER

Car Parts		
Parts_ID	PRIMARY KEY	SERIAL
Parts_number		VARCHAR(150)
Parts_used		VARCHAR(150)
Number_used		VARCHAR(150)
Part_description		VARCHAR(1000)
Sold_price		Numeric(8,2)
Retail_price		Numeric(8,2)
Service_Ticket_ID	Foreign Key	INTEGER

Customer		
Customer_ID	PRIMARY KEY	SERIAL
First_name		VARCHAR(150)
Last_name		VARCHAR(150)
Phone_number		VARCHAR(15)
Address		VARCHAR(200)
City		VARCHAR(150)
State		VARCHAR(150)
Country		VARCHAR(150)
Postal Code		VARCHAR(15)

Service Ticket		
Service_Ticket_ID	PRIMARY KEY	SERIAL
Date_received		Datetime
Notes		VARCHAR(1000)
Date_completed		Datetime
Car_ID	Foreign Key	INTEGER
Customer_ID	Foreign Key	INTEGER

Service Mechanics		
Service_Mechanic_ID	PRIMARY KEY	SERIAL
Hours		Datetime
Notes		VARCHAR(1000)
Rate		Numeric(8,2)
Service_Ticket_ID	Foreign Key	INTEGER
Service_ID	Foreign Key	INTEGER
Mechanic_ID	Foreign Key	INTEGER

Service History		
Service_ID	PRIMARY KEY	SERIAL
Service_name		VARCHAR(150)
Hourly_rate		Numeric(8,2)

Mechanic		
Mechanic_ID	PRIMARY KEY	SERIAL
First_name		VARCHAR(150)
Last_name		VARCHAR(150)