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CSCI 343: Database Management

Project 1: Build a Relational Database: Friendly Cars Dealership

Data Dictionary

Bill of Sale

customerID The identification number of the customer purchasing the vehicle.

downPayment The down payment made by the customer on the vehicle.

financingLocation Dealership's bank or other company financing the purchase.

insuranceCompany Insurance provider of the customer.

insuranceNumber Policy number of the customer's insurance.

licenseFee The total cost of the license fee applied to the sale.

otherDocumentation Any other documentation required in the sale of the car is noted here.

salespersonID The identification number of the salesperson that made the sale.

salesTax The total cost of tax applied to the sale.

titleStatus Who holds the title of the car or any other relevant information pertaining to the title of the car.

vehicleID The identification number of the vehicle being sold.

Commissions:

commissionMade The amount of money that the salesperson made off of commissions in the calendar month.

hours Hours worked by the salesperson over the entire calendar month.

monthOf Calendar month in which the salesperson made the sales described in this table.

reportNumber Indicates the number of commissions reports over all employees, serves as a unique identifier.

salespersonID Identification number assigned by the dealership to the salesperson when hired.

soldNumber The number of vehicles sold by the salesperson in the calendar month.

soldValue The value of all the vehicles sold by the salesperson in the calendar month.

yearOf Calendar year in which the salesperson made the sales described in this table.

Customer:

addressLine1 Street address of a customer.

addressLine2 Apartment, suite or other information pertaining to the customer's residence.

city The city of residence of the customer.

customerID The identification number given to the customer by the dealership.

email The email address of the customer.

firstName The first name of the customer.

lastName The last name of the customer.

licenseNumber Customer's driver's license number.

licenseState Customer's driver's license state.

phone The phone number of the customer.

salespersonID The salesperson who is working with the potential customer or made the sale to the customer.

SSN The social security number of the customer or potential customer.

stateOfResidence The state the customer or potential customer resides in.

tradeInVehicleID The identification number of the vehicle traded in by the customer, if applicable.

vehicleID The identification number of the vehicle sold to the customer.

zipCode The zip code that the customer lives in.

Dealership Finances:

commissionsAmount The total amount of money paid by the dealership to the salespeople based on the number and cost of cars sold in the calendar month.

dealershipID The identification number of the dealership.

expenses Costs to the dealership besides commissions and purchasing vehicles such as utilities and paying employees.

monthOf The month the financial values in this table are from.

numberPurchased The number of cars purchased by the dealership overall in the calendar month.

numberSold The number of cars sold by the dealership in the calendar month.

otherFinanceInfo Notes on sales, purchases, and other relevant data not described by other fields.

profits The money made by the dealership after deducting taxes, employee pay, expenses, etc.

purchaseValue The total amount of money spent by the dealership from vehicles purchased from a manufacturer, as a trade-in, or otherwise in the calendar month.

reportNumber Indicates the number of finance reports, serves as a unique identifier.

salesValue The total amount of money made by the dealership from vehicles sold to customers in the calendar month.

yearOf The year the financial values in this table are from.

Dealership Information:

averageRating The average rating of the dealership determined from surveys.

dealerAddressLine1 The address of the dealership.

dealerAddressLine2 The suite number or another precision component to the address of the dealership.

dealerCity City the dealership is located in.

dealerEmail Email address of the dealership.

dealerName Name of the dealership, such as Friendly Cars Dealership.

dealerPhone The phone number of the dealership.

dealershipID Identification number of the dealership.

dealerZipCode Zip code that the dealership is located in.

inventory Number of cars owned by the dealership.

managerAddressLine1 The current address of the manager.

managerAddressLine2 The apartment number, suite number, or other value specifying where the manager lives.

managerCity The city the manager resides in.

managerEmail The email of the manager.

managerFirstName The first name of the manager.

managerLastName The last name of the manager.

managerPayWeekly The manager's weekly pay.

managerPayYearly The manager's yearly pay.

managerPhone The phone number of the manager.

managerSSN The Social Security Number of the manager.

managerZip The zip code of the manager's current residence.

salespeopleNumber Number of sales people currently employed by the dealership.

Potential Customer:

addressLine1 The street and street number of a potential customer's residence.

addressLine2 The apartment number, suite number, or other precision value for the potential customer's address.

city The city of residence of the potential customer.

dateInquired The date the customer inquired about purchasing a vehicle.

email The email address of the potential customer.

firstName The first name of the potential customer.

lastName The last name of the potential customer.

phone The phone number of the potential customer.

state The state of residence of the potential customer.

vehicleOfInterest1 The vehicleID of a car matching or similar to a customer's desires.

vehicleOfInterest2 The vehicleID of a car matching or similar to a customer's desires, for another option besides their first choice.

vehicleOfInterest3 The vehicleID of a car matching or similar to a customer's desires, for another option besides their first and second choice.

zipCode The zip code that the potential customer resides in.

Salesperson:

addressLine1 The street address of the salesperson's residence.

addressLine2 The apartment number, suite number, or other precision component for the salesperson's address.

averageRating Average rating determined from customer surveys.

city The city of the salesperson's residence.

email The email of the salesperson.

firstName The first name of the salesperson.

lastName The last name of the salesperson.

phone The phone number of the salesperson.

salespersonID Identification number assigned by the dealership to the salesperson upon hire.

SSN The social security number of the salesperson.

zipCode The zip code of the salesperson's residence.

Survey:

customerID Identification number of the customer completing the survey.

dealershipOpinion The thoughts of the customer on the dealership as a whole.

dealershipRating A rating of 1 to 10 from the customer regarding the dealership.

discoveredDealership Place for the customer to indicate how they found out about the dealership such as by mailings, other customers, etc.

salespersonID Identification number of the salesperson who sold the customer their car.

salespersonOpinion The thoughts the customer had on the salesperson.

salespersonRating A rating of 1 to 10 from the customer regarding the salesperson.

vehicleID Identification number of the vehicle purchased by the customer.

vehicleOpinion The customers opinion of the vehicle they have purchased.

vehicleRating A rating of 1 to 10 from the customer regarding the vehicle.

Vehicle:

approval States whether or not the vehicle received approval from Jim Friendly to sell the vehicle at a significant discount.

bodyStyle Indicates if the vehicle is a hatchback, coupe, convertible, etc.

capacityOf How many people the car can hold.

condition Whether the vehicle is new or used.

customization The features added to the car by the dealership.

cylinders The number of cylinders in the motor.

datePurchased The date the dealership purchased the vehicle.

dateSold The date the customer purchased the vehicle from the dealership.

dateDelivered The date the vehicle was delivered to dealership from the manufacturer or as a trade in.

doors The number of doors on the vehicle.

electric Indicates if the car is electric

electricRange If the car is electric, specifies the range of the car on one charge.

extendedWarrantlyCost The cost of extending the standard warranty on the vehicle.

extendedWarranty Indicates if the extended warranty was purchased, if applicable.

exteriorColor The color the car is painted.

gasCity Miles per gallon in the city.

gasHighway Miles per gallon on the highway.

interiorColor The color of the vehicle's interior upholstery.

manufacturer The brand of the vehicle in stock at dealership.

mileageCurrent The last known mileage of the vehicle.

mileageDelivery The mileage of the car when it was purchased by the dealership.

mileageSold The mileage of the car when it was sold to the customer.

modelName The model of the vehicle in stock at dealership.

motor The size or description of the motor in the vehicle.

ownerOf whether the vehicle belongs to a customer or is currently owned by the dealership.

purchasePrice The cost of the vehicle to the dealership as a trade in or from the manufacturer.

sellPrice The price the car was sold to the customer for.

status Whether the sale is pending, the vehicle is being customized for the customer, sold to the customer, etc.

stickerPrice The suggested retail price of the vehicle.

vehicleMiscFeatures Features of the car such as alarm system, sunroof, etc.

vehicleID Identification number of the vehicle in stock at dealership, also the car's VIN (Vehicle Identification Number).

warrantyLength The length of the standard warranty on the vehicle in days.

warrantyOther Details other features of the warranty such as a lifetime powertrain warranty.

weight The total weight of the vehicle.

yearMade The year the vehicle was initially manufactured.