

Our database is designed for car buyers. It represents the inventory of a car dealership. Our data's top-level collection is "cars". Each car can have up to seven fields: make, model, color, MSRP, MPG, horsepower, and quantity. The "make" field refers to the manufacturer of the car and is a string. Honda or Tesla are two examples of makes. The "model" is the car's specific name and is also a string, i.e., S2000. "Color" refers to the color of the car and is a string field. The MSRP is the listed price of the car. This field is an integer, and an example would be 32000. Two optional fields are "MPG" and "horsepower". MPG refers to the miles per gallon the car achieves and is a double. Horsepower lists the amount of power the engine has and is an integer. Finally, quantity is an integer field describing the number of a specific car the dealership has in inventory. We have 62 cars in our data set. Each car has at least 4 fields (make, model color, and MSRP) and up to seven fields with the optional MPG, horsepower, and quantity. We also have an optional subcollection called "safety ratings". The safety rating consists of two fields: "rating type" and "stars". The "rating type" field refers to the type of safety test that was administered. It is a string field, and an example would be Rollover. The "stars" field refers to how safe the car was for the driver and passenger during the administered test. The "stars" scale is from 1-5 with 1 being the least safe and 5 being the safest. Below are two examples of cars in our data set:

Make: Honda, Model: S2000, Color: Black, MSRP: 23000, Horsepower: 215

Safety rating: rating\_type: Rollover, stars: 4

Make: Mazda, Model: CX3, Color: Grey, MSRP: 19000, mpg: 32.5, quantity: 15