Practice: Using PROC FREQ to Examine Distributions

An insurance company wants to relate the safety of vehicles to several other variables. A score was given to each vehicle model, using the frequency of insurance claims as a basis. The **stat1.safety** data set contains the data about vehicle safety.

1. Use PROC FREQ to create one-way frequency tables for the categorical variables **Unsafe**, **Type**, **Region**, and **Size**. Submit the code and view the results.

```
/*st107s01.sas*/  /*Part A*/
ods graphics off;
proc freq data=STAT1.safety;
   tables Unsafe Type Region Size;
   title "Safety Data Frequencies";
run;
ods graphics on;
```

Here are the results.

2. What is the measurement scale of each of the four variables?

Unsafe - Nominal, Binary
Type - Nominal
Region - Nominal
Size - Ordinal
Weight - Continuous

3. Do the variables **Unsafe**, **Type**, **Region**, and **Size** have any unusual values that warrant further investigation?

No

Hide Solution