## Analyzing and Describing Data

atisticians collect information about specific groups. Any group of objects or people is a population. When a population is too large to survey, statisticians sample part of it to find out the characteristics of the whole.

Data that is collected can be put into two different categories.

Quality	
*Descript	ionX

<b>Qualitative Data</b>	
Hair Color	
Texture	
Attitude	
Zip Code	
Phone Number	
Opinion	
Ice Cream Flavor	
Address	
Gender	
Race	

Quantitative Data Age Weight Speed Height Area Time Temperature Cost Shoe Size Elevation

Quantity

Qualitative Data - \_\_\_\_ Oata

## Examples:

1. The carpet is blue and white speckled, soft, and covered with dog hair.

Qualitative

or

Quantitative

2. The lamp is 6 feet tall, costs \$25 and uses 60 watt light bulbs.

Qualitative

or

Quantitative

3. Jenny's address is 123 North Avenue, Rochester NY 14624 and her phone number is 314-7521.

Qualitative

or

Quantitative

4. The time it takes Mr. Harper's students to finish a test.

Qualitative

or

Quantitative

5. The opinions of students regarding the use of IPods in the hallways.

Qualitative

or

Quantitative

