# Individuals, variables, and categorical & quantitative data

**Problem 1**: Alek is taking an inventory of styles of compression bandages for work. Here is the data he has collected.

| Style ID | Width (inches) | Total length (yards) | Color |
|---|---|---|---|
| 001 | 111 | 202020 | tan |
| 002 | 111 | 202020 | brown |
| 003 | 111 | 101010 | red |
| 004 | 111 | 151515 | blue |
| 005 | 222 | 353535 | tan |
| 006 | 222 | 202020 | brown |

**The individuals in this data set are:** Compression bandage styles

**This data set contains:** 3 variables, 1 of which is categorical

**Problem 2:** Mr. Gregory sold several cars this week. Here is some data about the cars he sold.

| Car sold | Retail price | Miles per gallon | Seats | Navigation? |
|---|---|---|---|---|
| Accord | $22,205 | 323232 | 555 | no |
| Altima | $22,500 | 323232 | 555 | no |
| Camry | $23,070 | 303030 | 555 | yes |
| … | … | … | … | … |

**The individuals in this data set are:** Cars

**This data set contains:** 4 variables, 3 of which are quantitative

**Problem 3:** The girl's basketball team played a game this Wednesday. Here are some of the statistics for the players from the game.

| Player name | Free throw percentage | Assists | Class |
|---|---|---|---|
| Simone | 100% | 444 | Junior |
| Maricel | 75% | 333 | Junior |
| Derin | 80% | 777 | Senior |
| Alli | 90% | 222 | Senior |
| Asha | 50% | 000 | Sophomore |
| ... | ... | ... | ... |

**The individuals in this data set are:** Basketball players

**This data set contains:** 3 variables, 2 of which are quantitative

**Problem 4**: Rachael gave a survey to her classmates to learn about their superstitions. Here's some of the data she collected.

| Student name | Gender | Age | Birth month | Read horoscope? |
|---|---|---|---|---|
| Jacob | Male | 171717 | April | yes |
| Trenae | Female | 171717 | January | no |
| Maura | Female | 161616 | February | no |
| ... | ... | ... | ... | ... |

**The individuals in this data set are:** Rachael's classmates

**This data set contains:** 4 variables, 1 of which is quantitative