Types of Data Notes

***Types of Variables*:**

Quantitative variables: variables that are measurements and counts

They can be Discrete or Continuous

* Discrete variables: They are counting numbers like 0,1,2,3
* Continuous variables: They can be any type of value including fractions and decimals.

AND

They can be Interval or Ratio

* Interval variables: No meaning for zero
* Ratio variables: Zero

Qualitative variables: variables that put individuals in categories like eye color or class.

There are two types: Ordinal and Nominal

* Ordinal variables: They have a natural order like grades (1st,2nd,3rd)
* Nominal variables: They have no natural order like county you live in.