

## Computational Statistics and Probability

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A variable is a characteristic which varies from one unit to the next.

### Types of Variables

- Qualitative variables or categorical variables cannot be measured by a numerical figure ~~like~~ like gender, religion etc.
- Quantitative variables can be measured by a numerical value like weight, age and time etc.

Quantitative variables can be further classified as Discrete variables and Continuous variables.

Discrete variables are variables which ~~only~~ can only be a whole integer like ~~the~~ the number of customers in a store.

Continuous variables are variables which can be either an integer or a fractional number like weight, height, speed etc.