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Quantitative Data

Numerical Data

✓ Have meaning as a measurement
eg.: person's height

✓ Are a count
eg.: number of teeth a cat has

Discrete Data

- ✓ Represent **items** that **can be counted**
- ✓ The different **values can be listed out**

Finite

Eg.: number of heads in
100 coin flips \rightarrow 0 to 100

Infinite

Eg.: number of flips needed
to get 100 heads \rightarrow 100 to ∞

Continuous Data

- ✓ Represent **measurement**
- ✓ The possible values **can not be counted**
- ✓ Can only be described using **intervals on the real number line**

Eg.: the lifetime of a
battery \rightarrow 0 to ∞

Sources :

<https://www.dummies.com/education/math/statistics/types-of-statistical-data-numerical-categorical-and-ordinal/>

<https://www.freecodecamp.org/news/types-of-data-in-statistics-nominal-ordinal-interval-and-ratio-data-types-explained-with-examples/>