

01/23/2018

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Population - Entire group we are studying.

→ individuals

Sample → Subset of population.

population - stop & frist occurrences.

Types of Data

Quantitative data → numerical data

Qualitative data → / categorical data

↳ no numbers, assigns a categorical value

Age - Quant

time - Quant

Height - Quant

Weight - Quant

Location - Cat

Gender - cat

Race - cat

Crime suspected - cat

frisk → cat

Search → cat

Summarize quantitative data:

population gives parameter.

sample give statistics.

Age youngest : 12

oldest : 78

most : 17-30

sort : youngest to oldest

mean : add them all up & divide by the # of observation.

median : middle # of the in sorted data

→ affected by outliers  
↳ observation far away from most of the observations.

→ Not affected by outliers.

→ Half of the data above & half below.

Excel

average (CF2: CF12405)

= median (CF2: CF12405)