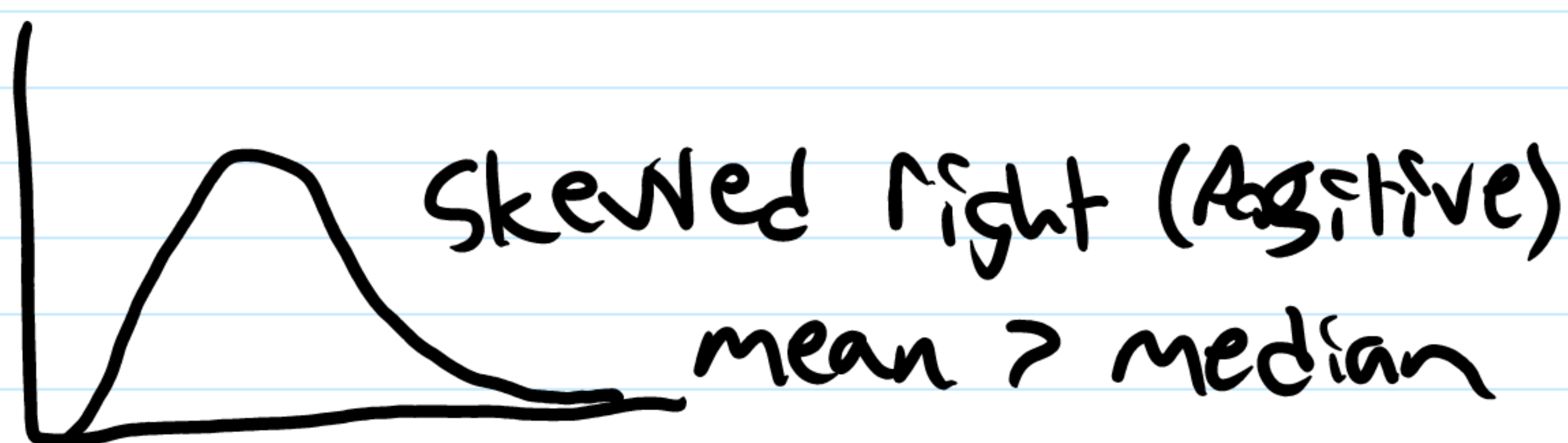


Descriptive statistics organize, summarize, ...
 ↳ can be done with numbers or graphs

Variance - Standard dev

$$s^2 = \frac{\sum_{i=1}^n (x_i - \bar{x})^2}{n-1}$$

s = Standard dev



Inter-Quartile Range is $Q_1 - Q_3$

↳ whiskers are $1.5 \times \text{IQ}$. Anything more is an outlier

$$z\text{-score} = \frac{x - \bar{x}}{s}$$

↳ positive means value > mean

Qualitative data is categorical data

Pareto diagram gives cumulative