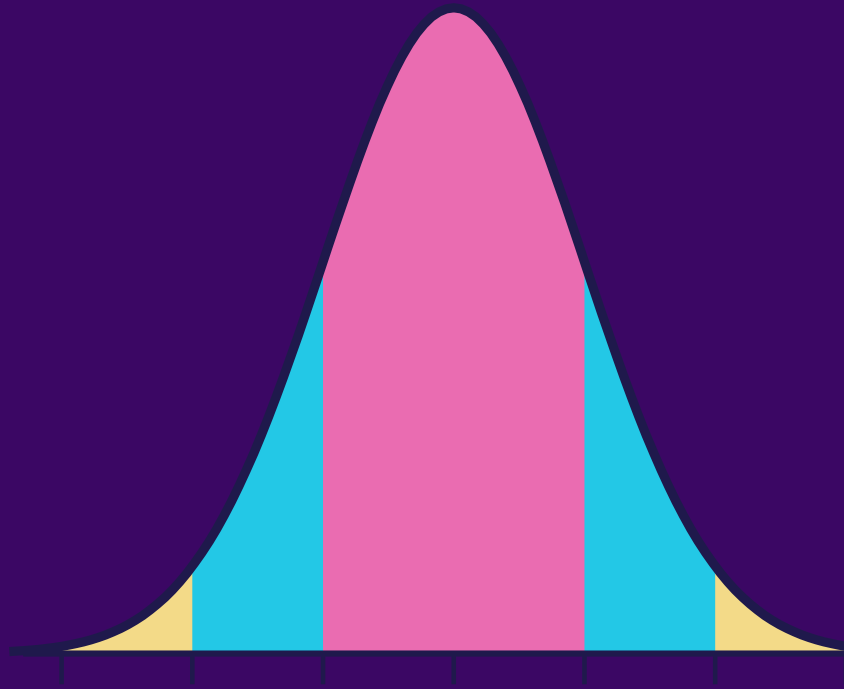


Statistics



Mean from a frequency table

$$\bar{x} = \frac{\sum fx}{\sum f}$$

Estimated mean, grouped data (class midpoints m)

$$\bar{x} \approx \frac{\sum fm}{\sum f}$$

Median position (n values in order)

$$\frac{n+1}{2} \text{th value}$$

Range

largest – smallest

Interquartile range

$$Q_3 - Q_1$$

Histogram

$$\text{frequency density} = \frac{\text{frequency}}{\text{class width}}$$