Reading Stats in Psychology

What Are Statistics?

Statistic- Branch of math that collects & interprets data

Two Main Types Central Tendency- Typical score of numerical data

Measures of Variability- Measures of numerical data & how it's spread out*

> * Looks at data like mean, median, mode, & Standard Definition



Histogram



Polygon Graph

Insert





Important Notes on Data!

- 1. Data is skewed when data distribution is not equal
- 2. Correlation- Measure of the relationship between two or more variables



Data Must be Reliable & Valid!!!

1. Data must be reliable!!! This means you get constant results from tests!

2. Data must be Valid!!! Your tests measure what you are searching for!



Qualitative Data

Interviews!



Self-Reports!

Journals/Diaries/Anecdotes