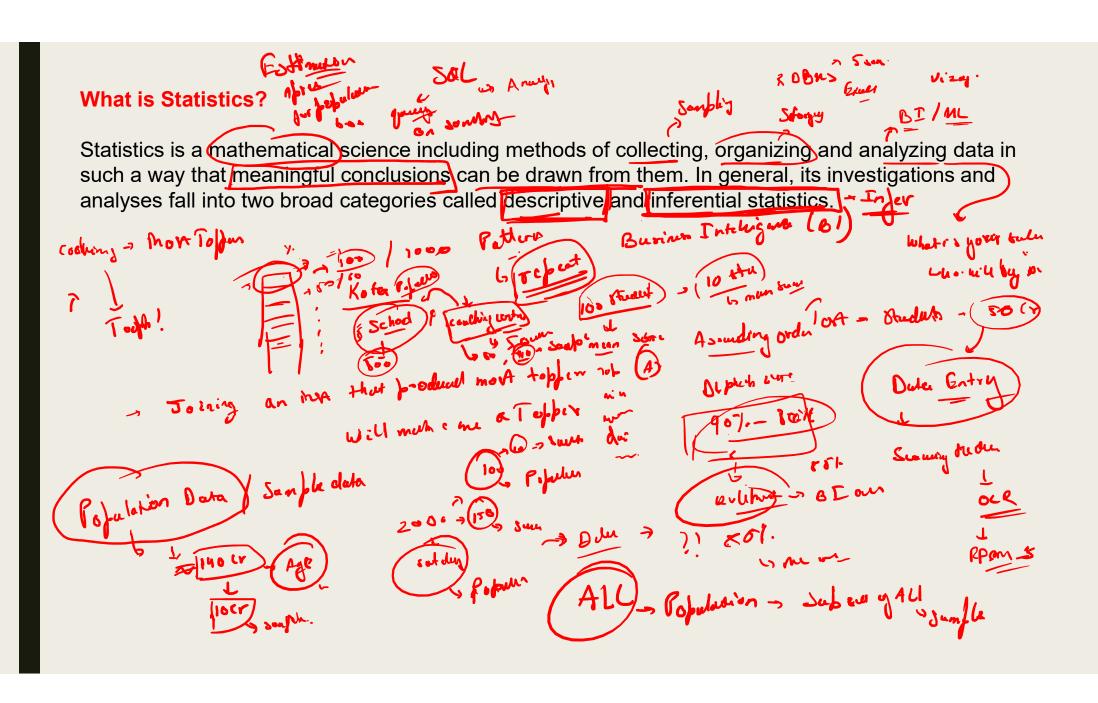
Saclobilin' Ni Avoid Data - I volume (dulator Putter



Developing Statistical Thinking Statistics include numerical facts and figures. For instance: The largest earthquake measured 9.2 on the Richter scale. Men are at least 10 times more likely than women to commit murder. One in every 8 Americans is COVID positive. The study of statistics involves math and relies upon calculations of numbers. But it also relies heavily on how the numbers are chosen and how the statistics are interpreted. For example, consider some scenarios and the interpretations based upon the presented statistics. to sees out of x 1. A new advertisement for Amul's ice cream introduced in late May of last year resulted in a 30% increase in ice cream sales for the following three months. Thus, the advertisement was effective. - No, We need more in water LoT June, July , August 2. The more those shop in a city, the more crime there is. Thus, shops lead to crime.

- Scarney Biard Gut (Chin) Searmen
- 1. Flaw: A major flaw is that ice cream consumption generally increases in the months of June, July, and August regardless of advertisements. This effect is called a history effect and leads people to interpret outcomes as the result of one variable when another variable (in this case, one having to do with the passage of time) is actually responsible.
- 2. Flaw: A major flaw is that both increased liquor shops and increased crime rates can be explained by larger populations. In bigger cities, there are both more liquor shops and more crime. This problem refers to the third-variable problem. Namely, a third variable can cause both situations; however, people erroneously believe that there is a causal relationship between the two primary variables rather than recognize that a third variable can cause both.

Hence, the correct Interpretation of the numbers are necessary!!!!

