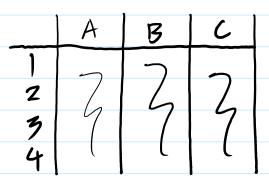
Data Basics & Sampling Principles

Monday, January 23, 2023

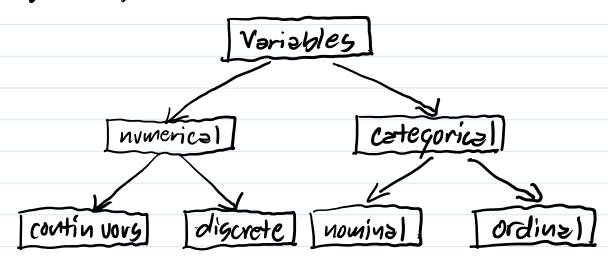
Data -> observations, variable, and data matrices

ex.



3 vanishles A, B, C 4 observations

Types of variables



Numerical variables

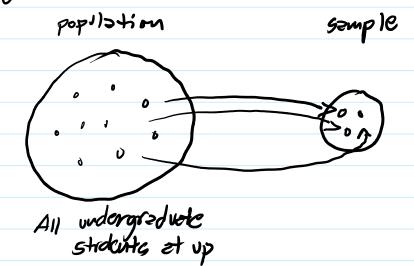
- continuous: -> weight, height, length, etc.
 discrete: -> number of students in a class

- discrete: -> number of students in a class
number of errors in a code

Categorical variable

- -vousine): -> gender, country, color, etc.
 -ordinal: -> ranks

Principles



gampling methods

· Gimple rendour sample (525

