Statistics The collect" and interpretio of data measure z variability analyze 1 height Dwerght in hair color food preferences statistics inferential descriptive getting data deals with taking sample, analyzing it to make Judgements and Judgements and and talking about it - mid form awa

Esite Hole Date_____ Definition Stal Populato refers to total amount of things Sample refers to a small part of the populath that is used for study amount of things = sample size height hair color weight

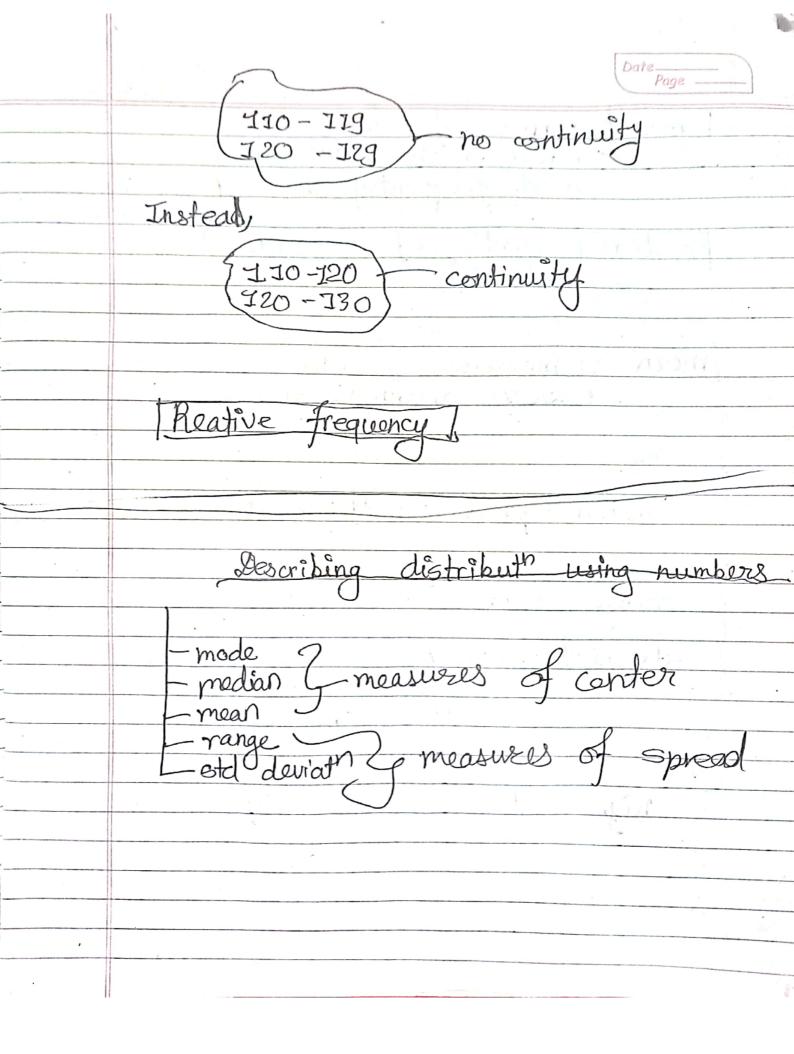
measure variable Quantitative Categorical to the value deta that is measure numbers OR makers sense to perform arithmetric calculates with Categorica Quentitative variables height weight mid form score

Date_ Page __ Categorical Categorica Categorical and · Ordinal Nomina no logical ordering to the values of a categorical a categorica example: too gorting gasina satiriy categorical Borfing garna but no logic

Quantitative variable discrete and Continous refer to variables
that can only is
measured in cert
numbers example: no. of children what we measure

Bar charts Ecategorical data histograms pie charts : relative size of each value in relation to whole bor chart :- displays frequency categorical voriable Stemplots

Date_____ Page ___ frequency variable like. 120 170 100 frequency distribut table forment By convention of statistions include the right end point just like pythos



Date Page most frequently observed median]: middle of an ordered mean : measures of centre : average PER medéan = physical middle point range = max-min standard deviation = how close to the. value in a data set are to the mean. nigh std = high variability

variance : related to std (square ko lifferonce huncha Std Songa) The effects of transforming data on spread ands outlier: a data value that is numerically distant from a data set It is can be smallest or largest Atypical & swoprising The mean of is affected by the presence Per capital income = total income total population Michael jordan - american basekethall 1984 north careling