What is Wstogram? histogram is a chart that Plots the discribution of anumeric variable is values es a zries of bors When you should use a histogram? When you should use a nistowing general Historians are good for showing general Historians Features of Johnset variables Best Practices for using a histogram -> use a zero Valuel basellne - charose an appropriente number of blus - choose interpretable bin boundaries Common missuess measured variable is not continous humeric using unequal bin sizes Common histogram oftions -Absolute frequency vs relative grequency > Displaying unknown or missing douton - Related Plats Bor Chart line chart Dersty Curre Box Ast. and Violin Plat

Display Type Best Used to show the number in categories Bar ground Compare Ports of the data to The whole circle Grath Compare two or more sets of data Double bor graph BOX WLISKEIS Plot show measure & variation Show frequency of data Hvide into interns Histogram Show Charge over Time live graph Show frequency dotter on a numberline The Plot line graph Bar graph aroull grap Double bar graph 2000 2002 Box and whisker WStogram

llhe Plat Histograms; are a special Type of graph that shows us how often of the states occur in a set of dat a this a visual reprenentation & how many rines of something hoppens Stem-and-leaf-plot! are just agraph that organise using the Place Values of The numbers 10, 11, 14, 31, 313 Box and whisker 3,5,5,6,11,12,14,14,16,20,23,25,28, 35,26,37,01,43,45 Five numer summary Quorrile 124 Own 124 Own 124 milliaum value ! 3 maximum value 169 metan Quartile 21 23 125 = 24 Quartile 1 Quartile 3

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Heatmap

H Allows For a large Volume of Joseph See Communicated almost instantly

Violin Plot

is a method of flotting humaric sota and can be understood as a combination of abox plot and a Kernal Jensity Plot

