Rank starts from 1. Mean & std. Median Einterquartip. Q. From a dataset containing 20 students find the 75th percentile.

-> first sort the data and assignments. Athe dataset
20 x 75 => 15th (at the 15th value) we have 75th percentile. * Visuallze from slides. Q. From a dataset containing 20 students find the 25th pencentile. 21×25 =7 5.25th. Now this rank is not available in ourtable. .. to cater this we will use the interpolation method. Percentile => X5 + (X6 - X5) x 0.25. => 68 + (72 - 68) × 0.25 -> (69) itmean 69 4 NTERQUARTILE RANGE:stydents measured 25 Percentile or The IOR measures the spread of the middle 50%. It the data. below. igr = (75th percentile) - (25th percentile) it means that the middle 29 - 72 =717 501. At the dutaset varies Morks » Scaling the data scales interguar hile Range But translation cloes not change it.

heatmap - 2D data. bour => count. 30 bar chart: 20 data (hidden structures). Date (ii) Left skew. heatmaps & 30 bar chart showcase direct functional. we suse > Mode right tail. correlation & scartler for vicevers Mean (iii) Right Skew. right tail Magn Madian. > Heatmaps / 3D plots are good fer categorical data. > 5 catter plots are special for describing relation b/w two continuous values. (Specially geological 20 data)