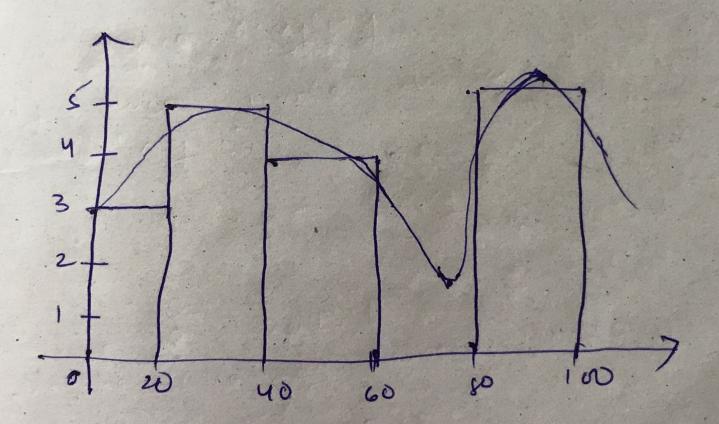
d, Eg: [10,13,18,20,24,32,38,40,45,51,56,57,80,

bin size = 20



(b) continued a 80 + CE about mean.

Any
$$t = 100$$
 $N = 25 - \overline{X} = 520$
 $x = 0.2$ $CI = 80.7$.

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3) 4 can company relieve mat me 1.05 neidars in city the met owns a vehille is 60% on less. A salee manager disagnees n'en mis ne conducts bound that 170 responded yet to sowing a vehille (a) state the null & alkinate hypotheis. (b) At 101. significance level, is mere evidence to support me idea mat vehicle ownership in vity ABC is 60% on less ? Ani) will hypoheis Mo: Po < 60%. Alternale hypothesis Mi: P17 60%. $n = 250 \quad X = 170$ p = 170 = 0.68Q = 1-PO 20-12/1-0.60 = 0.4 X=0.01 mere we use 2 seit Zentres Zeorofee Zx = 0:0 | From z table it is - Q.32. 2 some n'im purportion = p- Po 1 - PO 20 n 0.68 -0.60 = 0.08

As 2.58 1s > 2.32 so reject me rull ypomeis.

0.0309P

97 what is me relationship between mean, median & mode in left & right showed day, mean & median ~ mode median median mode symmetrical. dismitsution median mean; mode mode j mean left skewed: eigne showed mode; median; mean mean 7 median > mode 8.7 ahal is me value of 99 percentile! 2,2,3,4,5,5,5,6,7,8,8,8,8,8,8,9,9,10,11,11,12. Ane 7 value = Percentile x (n H) = 99 x (21) = 20.79 ? rdex so value? s