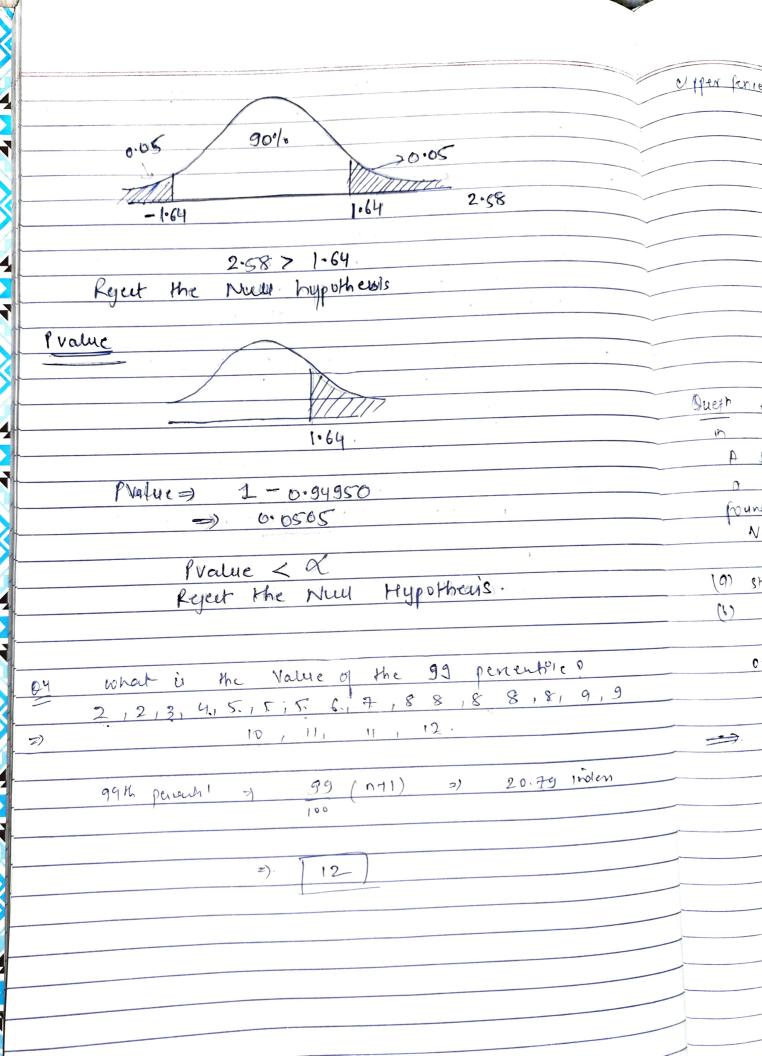


offer fence -1 21 + 28.6 => 520 + 1.28 × 100 => 545.6 80% 001 111/11/11 0.1 545.6 494.4 Queto A car believe that the percentage of Citizens A sales manager disagrees with this. He conducted o hypothesis terting surveying 200 resident of found that 170 relident responding owning a Nehide (1) state the New hypotheus:

(1) At a 10% Significance level, is there enough

evidence to support the rolea that Nehicle

owner in ABC City is 60% or lew. Null hypothecis => Ho & 60 %.
Alternate hypothecis >> H1 > 60%. n2 250 · n + 170 · p = 250 · n 250 80 0) 0·6 90 => 0·4 Z gion =) 1-P. 3) 0.68-0.6 =) 2.58 



In left and nght-skewed data, What is relationship between wear, median, 9 mode 9 Draw the graph to represent the same. Generally if the distribution is skewed to the left the mean is lew than midian. which is often less than mode. of the distribution of data is sleewed to the right the mode is offer less than median which is less than mean. hg 1.1.1 2 2 2 2 3.3 3 3 3 3 3 8 4 y 4 . 5.5 n 2) 57 2) 2-85. 3.86 4.35 median => 3.5 Mode => 3. Mede > Modran > Mean > Median > Mude Right skewed 8 8

Left skewed 234455567777 1979 99999 10 10 10 Mian. 158 => 74-7.22 Median => 8058 Mode => 9. Mode > Median > Mean 5 67 4 8