Stats Friday, 1 October 2021 7:59 PM State Probability Descriptive Tinsights of data C.I, Hypothesis, A/B Kandom Variable Population Vs. Sample. 30 states Sample 0000 1.43 M-7 Population Sample mean -> Stratified Sampling Estouchred (Deep Learning) SAT, GRE, Step count Dominal Zipcode Pincode $\chi = [8] 10, 5, 4, (2), 11], 2000$ > Summation weighted mean $\overline{z} = \underbrace{\left(z_i \cdot w_i\right)}_{i=1}$ W= [09,1,1,1,] x= [10,8,4,1,7,3] 1 Sort the date median(x) = 1 the middle value és the mediain [1, 3(4)] 8, 10, 2000, 2500 amount spend \$ 173 d > = 1403 (Oo)/~ Variability Mean absolute devotion = / [] | (Ei)-1) fake mean (2) Subtoact mean from all the Points (abs) Mean fate) Standard deviation Variouse Variance = $S^2 = \sum_{i=1}^{n} (x_i - x_i)^2$ $n-1 \circ Bias$ x_{i+1} S = Standard deviation. Variance = 52 S= Variana Median Absolute Deviation > X=[71, x2, x3----.xn] median (x) = m median $|x_1-m|, |x_2-m|, |x_3-m|, |x_n-m|$ 9,10,7,8,9,10 -or: 2,3,5,7,8,9,10 Magneter) Vs. Statistic.