## Speid Assignment - 6

In a Company 1,00,000 employees is there.

Company wants to distribute to the 7-ships
to the Employees. Sample 500. 200 members
said XL, 200 members said L

How many XL, L. T-shirts should be ordered?

Ans:- For AL T-shirst:
1:500, \$2300, CII295%. \$60.005

20,05.

2×2 2 20.05 2 20.025 - 1.96

2801- (7th) (M)

b, - x = 300 = 0.60

2 - 1-1- 1-0.60 - 0.60.

EBP 2 (23) V 1

9-8

Conclus

Takes

For

4

21

b, -

Co

Pers

= (1.96) (0.6)(0.40) 1.96/0.24 = 1.96 × 0.489 2 0.042 1- SBP = 0.60 -0.042 = 0.558 F+ EBP = 0.60+0.042 = 0.642 Conclusion) wer Estimate with 95%. Confidence Interval. that tome persont of all AL should & ordered is between 55.8% and 64.2% For L T-Shirt n-500, x=200, C1=295% d=0.025-22=1.96 p-2 200 - 0.40. 600 2'= 1- 1 = 1 = 0:40 = 0.60 28P2 (25) VP2 2 1.96 (0.4)(0.6) = 1.96 (0.24 = 0.042 1- 2892 0.40-0.002 2 0.358 + EBP 2 0.40 + 0.042 = 0.442 reclusioned with 75% confidence Internal the transfer of L should be before (35.80), and entropy Conclusing: - For 1,00,000 Employer. We should order 55.80/0 to 64.20/0 11 T-Stirle which means 55800 40 between 5500 and 66200 XL T- shings Should be ordard \* For 1,00,000 Employes we should order 35.80% to hu. 20% [L] T. Shish which means I see house between 35000 and huzon L T-shires should be ordered, and 0000 0000 -1 -19-1 -15