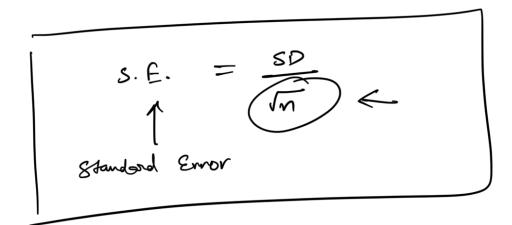
Confidence Intervals



S.E.

Go
$$\rightarrow$$
 $4min$
 $T = 4min$
 $T = 4min$

$$norm. cdf (2) \Rightarrow \frac{97.7}{2}$$

$$\Rightarrow \begin{cases} u = 4 \\ r = 1 \end{cases}$$

$$\frac{1}{2} = \frac{n - M}{\frac{1}{\sqrt{n}}}$$

$$= \frac{6-4}{\frac{1}{\sqrt{c}}} =$$

Idea: "from samples, you want to conclude about the pop"

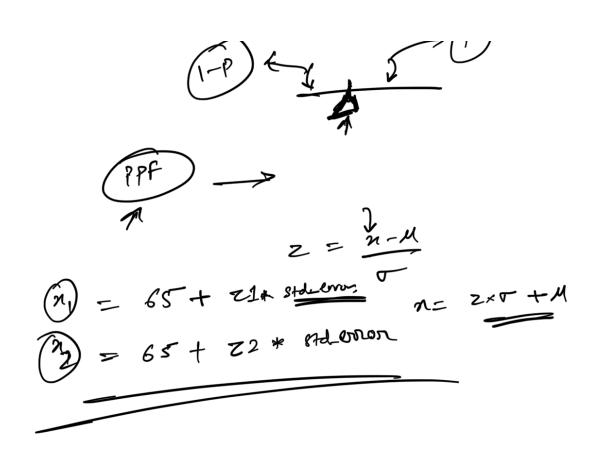
confidence interval 199% -> Find the range where 95% confident 95% of samples lie within that range. z1 = norm. pp+(0.028) 22 = norm. ppf (1-0.025)

CDF

= norm-ppf (0.975)

>P

95%



Range -> [64.51, 65.49]

