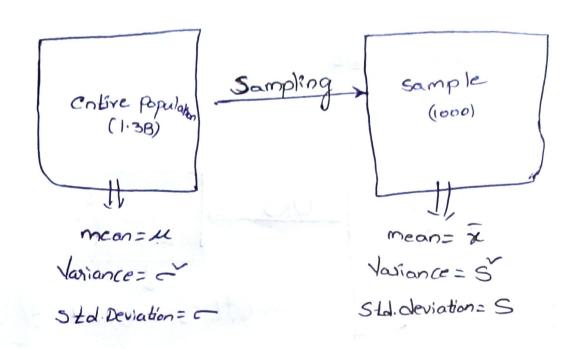
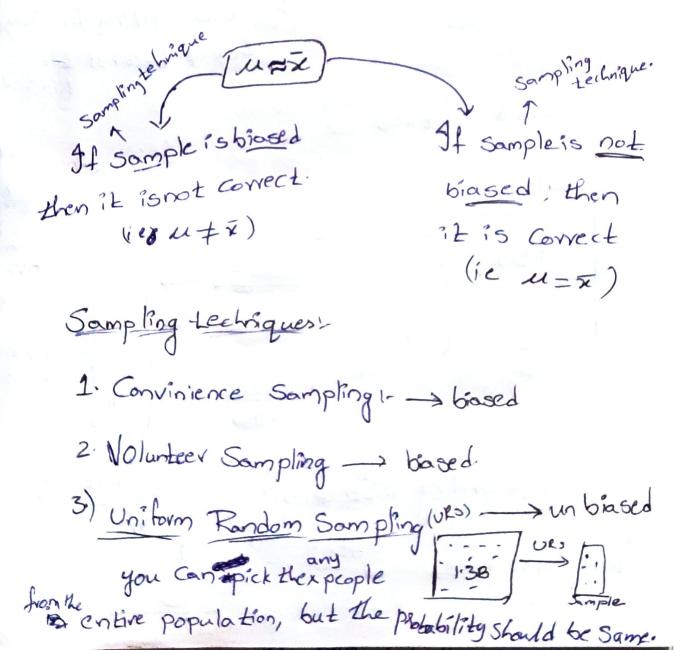
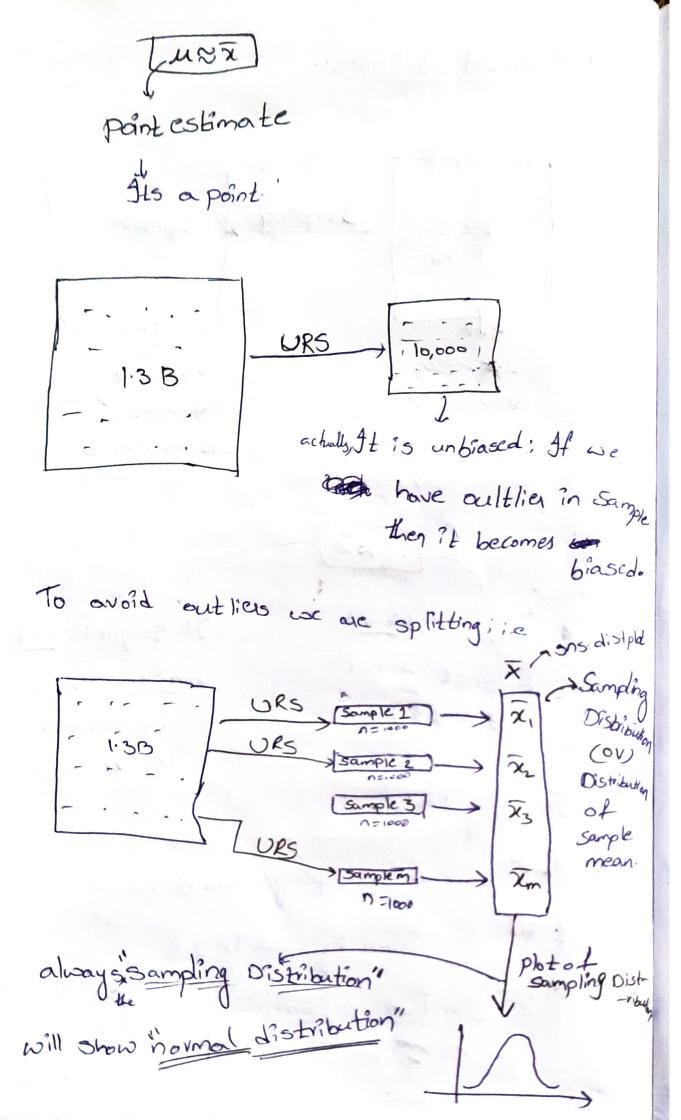
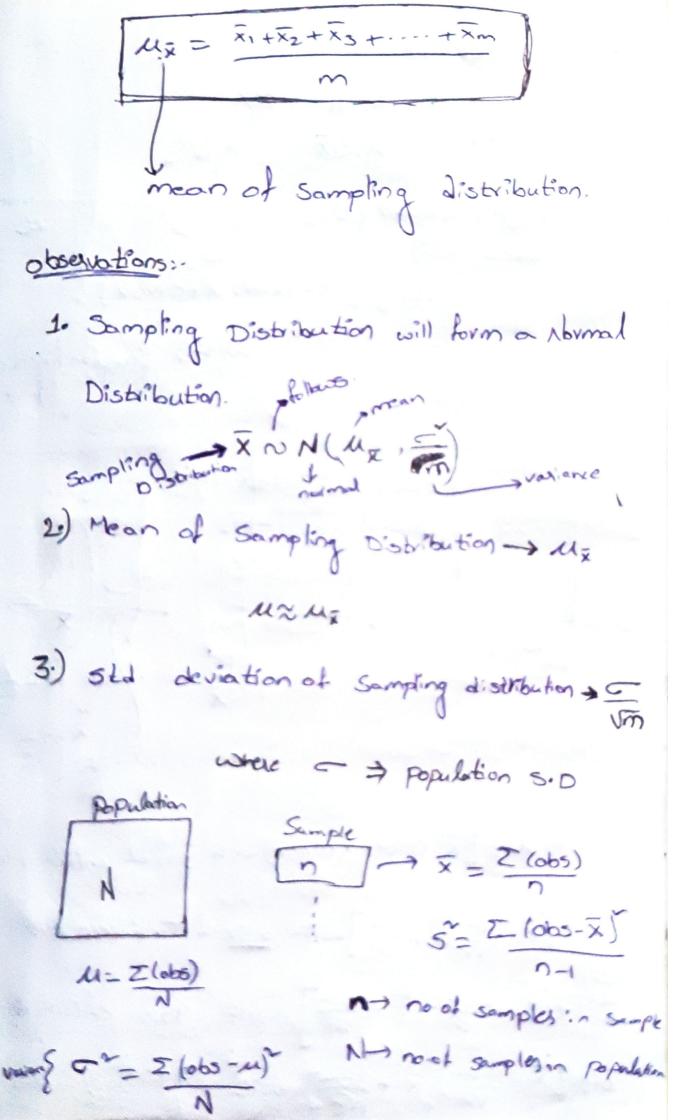
Infevential Statiotics:







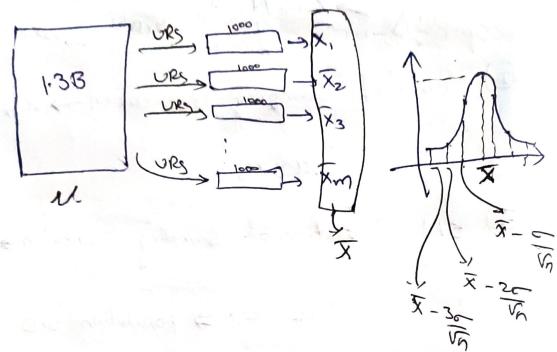


1) point cotimates.

Name Alex

2) Interval estimates.

u=[x-error, x+error]
with yy. Confidence
level



M= [x-ervor, x terror] with y, of confidence level

M=[x-\subsection x+\subsection] with 68x of confidence level

M=[x-\subsection x+\subsection] with 95x, of Confidence level

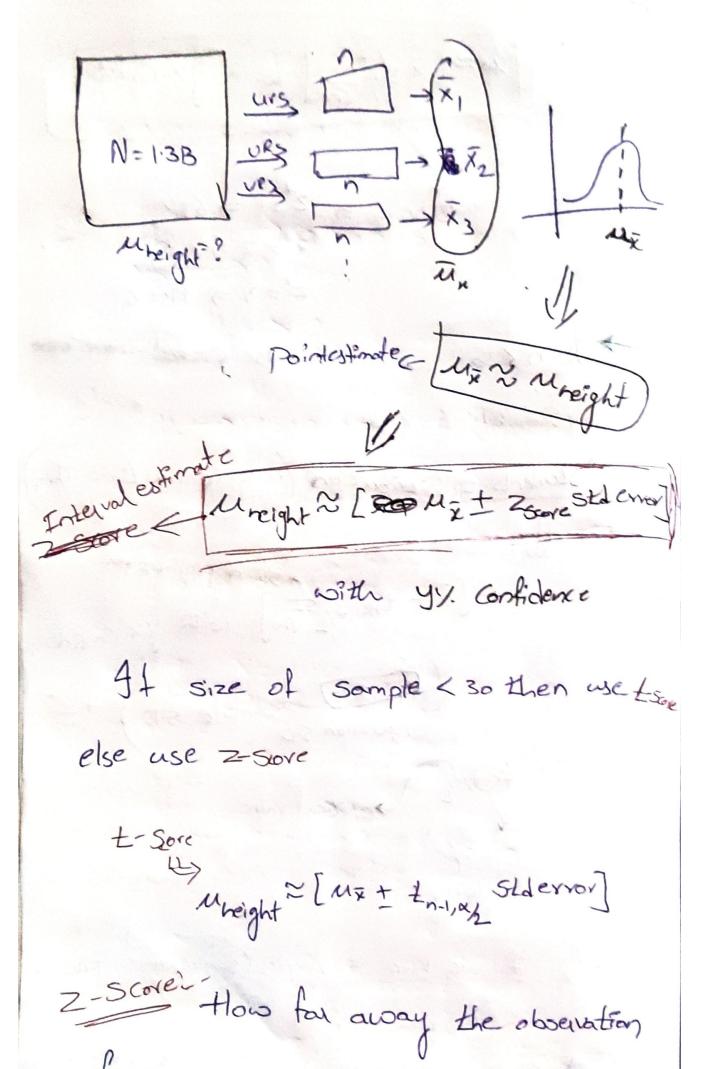
M=[x-\subsection x+\subsection] with 95x, of Confidence level

M=[x-\subsection x+\subsection] with 99.7x, of Confidence level.

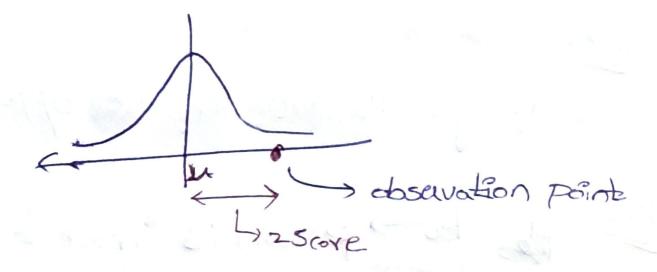
-. w= [x t(z*=)] with y". Confidence. 2-Scorc =) 2 =1 => 684. z*= 2 =) 95% z*=3 => 99.7% An (30; we have to use Samplesize "Students-t distribution" (not Gentral Limit Thm) M2[x ± tn-1,4/2 vn] with yx Confidence Repulation S.D Sample S.D CYitical value. Degreese heedom Ex! - If we have 5 samples (sample) not in population)

7) 95% = 1 A = 0.95 = 1 |-x = 0.95 = 1 x = 0.05 N=5 Samply to-1/42= tu/0.015 x=0.025

with 95x confidence



from mean with respect to std



Note it-distribution" is also known as

Students 2- distribution

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- Students L- distribution degrees of freedom to Critical value.
 - (i) NK30 => n=15ample size (or) (or)
 (ii) - is not Known,