Standard Erroy, Degree of Freedom
9) What do you mean by Standard Equipme
- Standard Erroy is a measure of uncentainty in nample meen.
Higher the area of orner we are less compact.
Standard Erroy, SE (a) = 5 Number of samples.
so as we increase the value of n (denominator), standard
Standard Error > Population mean & Sample mean
and at costs most invested in the
- Juppose we want to know average age of sustamer invested in fil is see
Thom confident are that that are the
suppose lake SU random sample ages
Take 500 Fandom sample, x = 60. Very much confident
So is short, higher the observation confidence goes UP.
50 for 5 costomer, suppose SD and 5 = 12.72, then SE(a) = 12.72 = 5.69  n   Sample mean   Std error of Sample man   95% confidence Interval  5.69   5.69   5.69   7.00
n sample mean std error of sample man 95% confidence Interval
5 56 5.69 [50, 60] $gethng$ $n=5$ 50 62 1.74 [57, 67] $gethng$ $n=5$ 500 60 0.55 [59, 61] $gethng$ $n=5$ $gethng$ $n=5$ $gethng$
$500   60   0.55   [59,61] $ $\sqrt{x} = 112$ $\sqrt{5E(\alpha)} = 12.72$
To find Confidence Interval, x+5E(x)+to.975,n-1=>Lowerrange -, Upper range +
= 112 ± [5.69 × to.95,4] = 8 [50,62]
30 for n=5, we can say 95% confident true mean lies between 50 and 62.
2) at the Description of Freedom 2
And Degree of freedom (DF) are the number of pieces of information, is
have to estimate population values.
have to estimate population values.  Degree of freedom = (row-1) * (column-1)
q) Give an example of Degree of Freedom?
A B if I foll any cell with any value, men remaining cell
Suppose of fill with 10, all remaining 8 cell call have to
Give an example of begree of teach of the any value, then remaining cell of the suppose of fill with 10, all remaining 8 cell call have to suppose of fill with 10, all remaining 8 cell call have to suppose of fill can vary remaining will remain constant.  So of = 1 for this example.
So of = 1 for this example.
By formula = (rows -1) + (column -1) = (2-1) + (e-1) = 1+1 => DF=1.

