

$$\frac{1}{100} = \frac{4}{4} = \frac{4}{4} = \frac{4}{24}$$

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continuous uniform distribution Ayrea = 1 Anea = (d-c) > F(x) 1 = (d-0). F(b) = | F(b) = 1 The PDP of uniform distribution pup) = [d-c CXXXd Median its me point where area is 0.5 so it would be Ctd 4= (+d , === 1 (d-c)2 Momal Histribution the pdy of normal distribution in

Flot = 1 \frac{1}{12\tau 6} \left(\alpha - 4) 2

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for - \infty \lambda \times \t

Y'is the mean of the distribution E >0 Normal Approximacion to the binomial distribution we can improve the approximation of the discusso bisomial domination dominated to the by continuity connects on. Ext P(x > 52). Mommal Prob P(Z751.5-12) P (x 752) P(Z752.5-4) P (X SJZ) P(ZX52.5-4) P(2 X 51.5 - U) P(XXJ2)

Chi - Ignane Dismonhen Ja vandom nariable 7 has the standard normal distribution with one degree of predom.