Name: Drishti Agarwal Roll no: 102117158 Buanch: 3CS6 Predictive Analytics Using Statistics (UCS654) PARAMETER ESTIMATION flx) = Light of size n L(X1, X2, --- (Xn) = f(X1) - f(X2) --- - +(Xn) 100 (may) + 100 8 2 xx + 100 (1-8) 5 (m taking en on both sides deed (1) or o $ln(L) = -\frac{n}{2} ln(2\pi\sigma^{2}) + \frac{n}{5} |(2i-1)^{2}$ 3ln(4) = 0+ E (24-14) = 0 = 0 ? X = U NES 0,= X | is therrefore sample mean

$$\frac{2\ln(L)}{\Omega r^{2}} = -\frac{n}{2\sigma^{2}} + \frac{n}{2\sigma^{2}} = (2\pi i + 2\sigma^{2})^{2} = 0$$

$$n = \sum_{i=1}^{n} (2\pi i - 2\pi)^{2} = 0$$

$$\sigma^{2} = \frac{1}{2} \sum_{i=1}^{n} (n_{i} - 2\pi)^{2} = 0$$

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$$L = \prod_{i=1}^{n} C_{x_{i}} \sigma^{x_{i}} (1 - e)^{n-2\pi i}$$

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