practice set

07/10/22

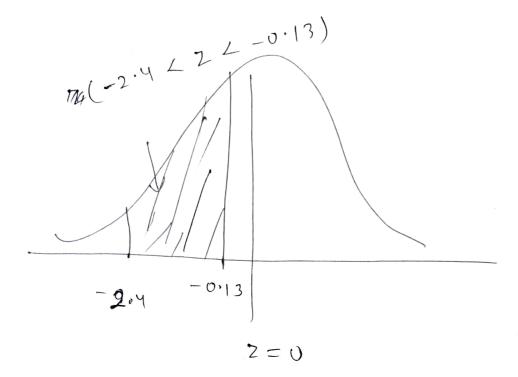
Our 1

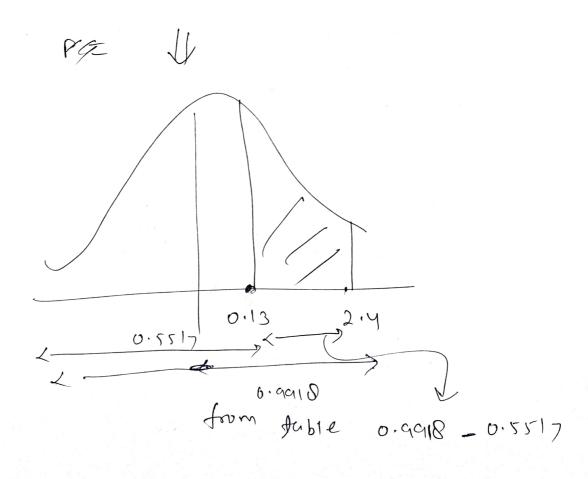
normal destribution.

U standard form

$$21 = -2.4$$

$$71 = \frac{4200 - 4300}{750}$$





= 0.4401

Oue, 2 :-

P(IPhones) = 0.3
Geometaric Destribution
$$P(X) = (1-P) \times P$$

$$\Gamma(1) = (1 - 0.3) \times 0.3$$

$$= 0.7 \times 0.3$$

$$= 0.072$$

$$P(X=Y) = P(X=X) = P$$

Quer 3:

$$f(x) = \frac{1}{b-a}$$

$$a=1$$

$$b=s$$

$$P = \frac{3-2}{5-1} = \frac{1}{4}$$

$$P(X \leq a) = P(X > a)$$

$$\int_{0}^{\alpha} 3n^{2} dn = \int_{0}^{1} 3n^{2} dn$$

$$\int_{b}^{1} 3n^{2} dn = 0.35$$

Over : -

enponented ois

$$P(X \le M) = 1 - e^{-XM}$$
 $= 1 - e^{-\frac{1}{40} \times 50}$
 $= 1 - e^{-\frac{1}{40} \times 50}$

OUCA 6:-

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