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Amel Nahami

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X <- Wetsuets & Wetsuit - Wetsuits \$ Nowetsuit

Mean
$$(\sim \times) \longrightarrow m$$

 $sd(\sim \times) \longrightarrow s$

95% CI:

t. test (~x)

$$A = \text{ such that for Andrew}$$

$$f_{A}(a) = \frac{1}{5} e^{-4/5}, \quad a > 0$$

$$f_{B}(b) = \frac{1}{10} e^{-\frac{1}{10}}, \quad (7 0)$$

$$(a) P_{F}(B < A)$$

$$A_{B} = \frac{1}{10} e^{-\frac{1}{10}}, \quad (7 0)$$

$$= \frac{1}{10} e^{-\frac{1}{10}}, \quad (7 0$$



(b) In Andrews line, find probability 8 or more people make it through in 30 mins.

Know: Wast times in lines are exponentially - dist rate paremeter 1/5

Need Poisson dist. to count earlier of making it

And need to adjust rate paremeter to 30 min time scale.

Answer? 1-ppois (7, 1=6)