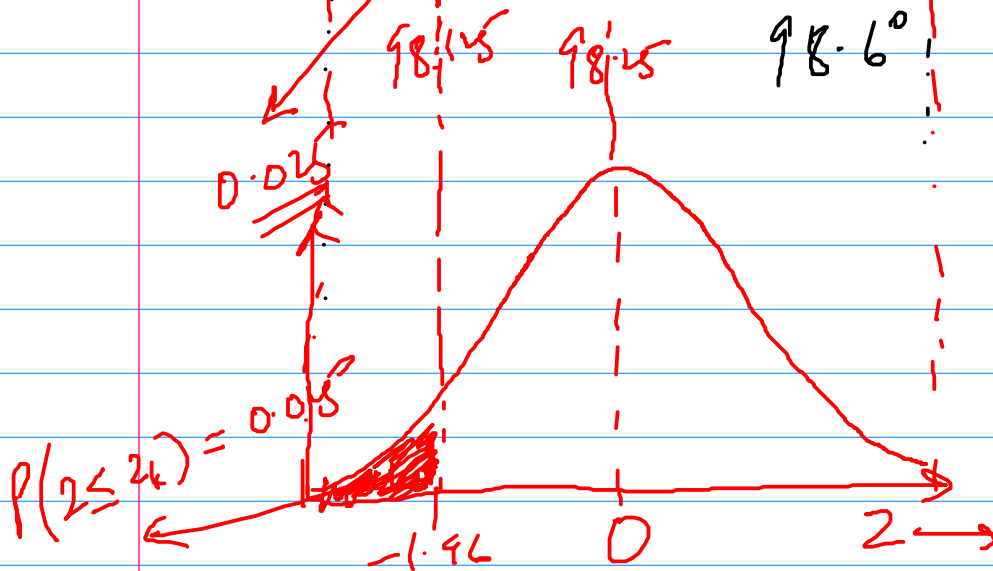
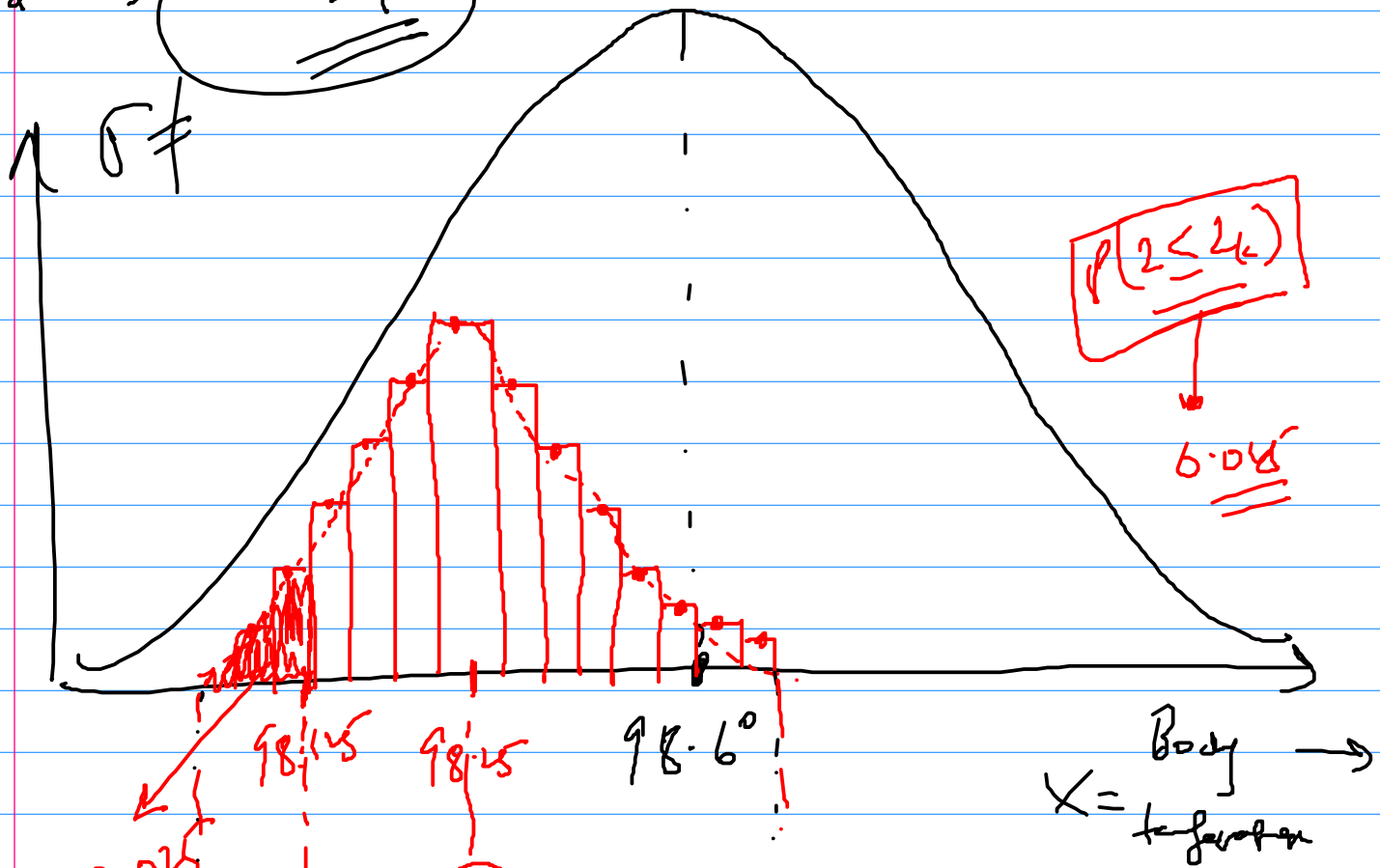


98.25°F ← Mean of temperature of 130 people

Std → 0.73°F $\approx \sigma$



$$\frac{k - \mu}{\sigma / \sqrt{n}}$$

$$l = 98.25 - 1.96 \times \frac{\sigma}{\sqrt{n}}$$

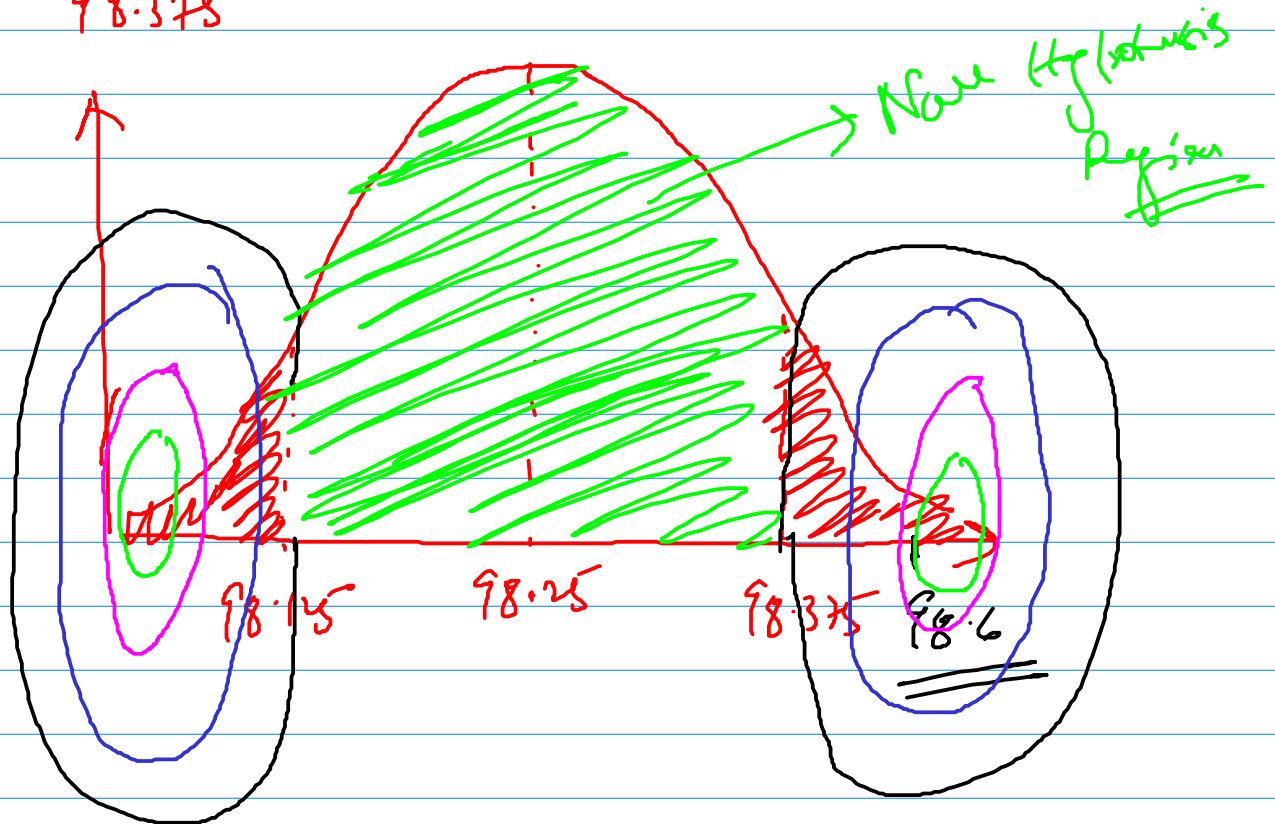
$$= 98.25 - 1.96 \times \frac{0.73}{\sqrt{130}} \Rightarrow 98.25 - 1.96 \times 0.064$$

$$= 98.25 - \frac{1.4308}{11.401} \Rightarrow 98.25 - 0.125 \Rightarrow 98.125$$

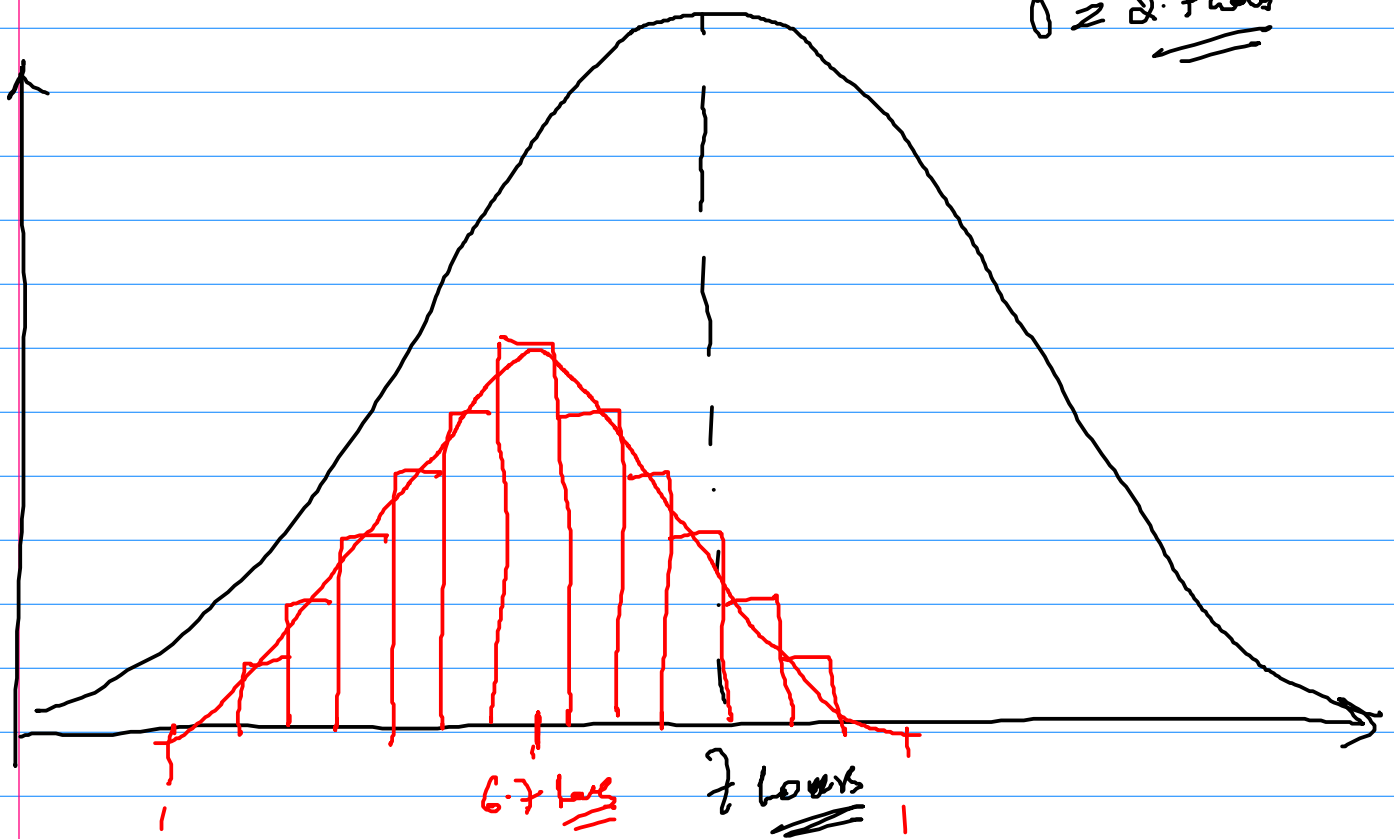
$$L = 98.25 + \boxed{1.96 \frac{5}{\sqrt{10}}}$$

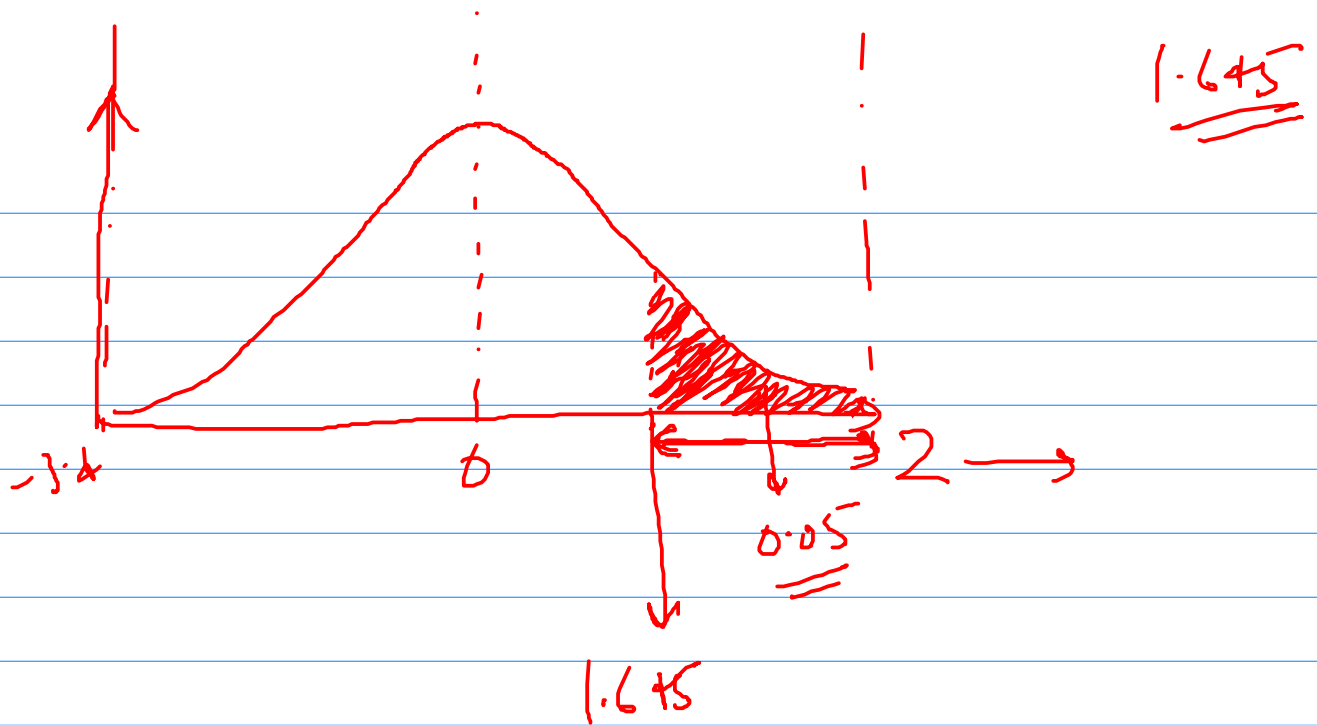
$$0.125$$

$$UL = 98.375$$



$$\sigma = \underline{\underline{2.7 \text{ hours}}}$$

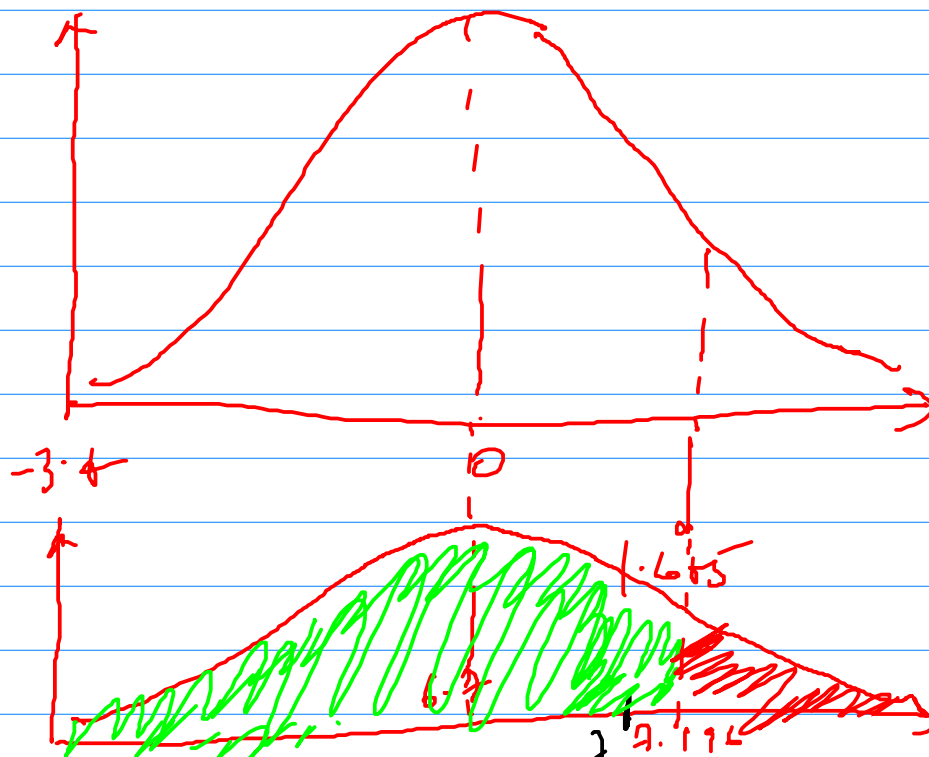




$$u = 6.7 + 1.645 \cdot \frac{5}{\sqrt{n}} \Rightarrow u = 6.7 + \frac{1.645 \cdot 2.7}{\sqrt{80}}$$

$$u = 6.7 + \frac{4.4415}{\sqrt{80}} \Rightarrow u = 6.7 + \frac{4.4415}{8.94}$$

$$u = 6.7 + 0.4968 \Rightarrow u = \underline{\underline{7.1968 \text{ hours}}}$$



Precision, Recall, Accuracy, AUC ROC

TP
TP + FN