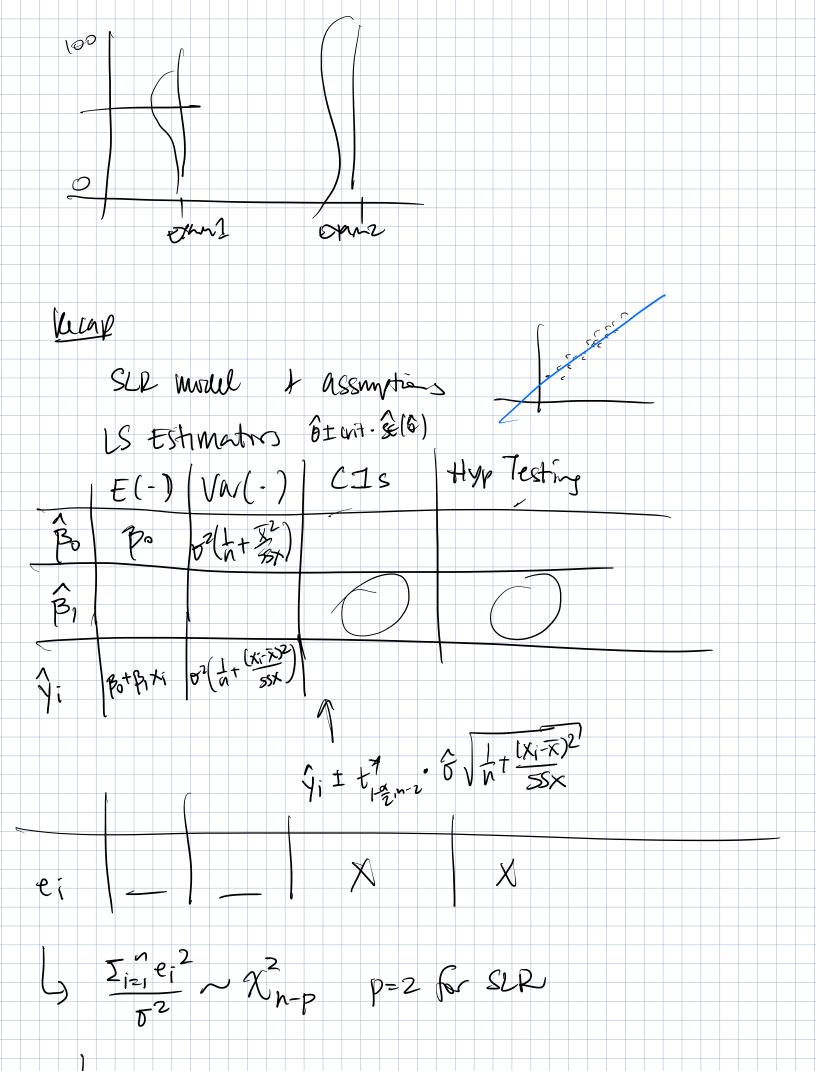
914/25 Myrssian Amouncements: - Final Proj Sign Up on Slach Channel 4 you need my approval - DM me - Final Proj: - Can we use LMs? - yes for coding the app I graphic. > No for writing the actual language on the applicas! I want your voice & your perspection. First anie wext WK: - Closed notes E Drossod byosted on Canas/Stack - 60 min

- no calculators



$$MSE = \hat{0}^2 = \frac{\text{Liei}^2}{n-2} = \frac{SSE}{n-2}$$

$$\sum_{i=1}^{n} (y_i - \bar{y})^2 = \sum_{i=1}^{n} (y_i - \hat{y}_i)^2 + \sum_{i=1}^{n} (\hat{y}_i - \bar{y})^2$$

$$F = \frac{SSR/1}{SSE/n-2} + \frac{1}{1/n-2}$$

Fred Intervals Target (ynew (x=80) = BotB, (80) + Enew acel.

Ynew = B+B, (80)+Ener S( \( (x=80) - (ynew (x=r0)) = \( \forall \( \times \) (\( \forall  $Var(\hat{y}(x=80) - (y_{new}(x=80)) = Var(\hat{y}(x=60)) + Var(y_{new}(x=80))$  $= 0^{2} \left( \frac{1}{n} + \frac{(80 - x)^{2}}{55x} \right) + 0^{2}$   $= 0^{2} \left( \frac{1}{n} + \frac{(80 - x)^{2}}{55x} \right) + 0^{2}$   $= 0^{2} \left( \frac{1}{n} + \frac{(80 - x)^{2}}{55x} \right) + 0^{2}$   $= 0^{2} \left( \frac{1}{n} + \frac{(80 - x)^{2}}{55x} \right) + 0^{2}$  $z = 5^2 \left( \left( + \frac{1}{2} + \frac{\left( 80 - \overline{x} \right)^2}{55 \times} \right)$ SE (\$(80)-Ynew(80) = V Var (---) Par avew obs  $\Rightarrow$  PI