Derive the optimal least Equares parameter Value wo for the total training loss $= (\xi - \overline{x} \overline{n}) (\xi - \overline{x} \overline{n})$

tt-2wtxt+wtxxw

2L = -2x = +2x x L

Sot purhiad derivative to

: X'E = X'XW

 $: \mathcal{M} = (X_{L}X)_{L}X_{L}E$

It's the Same as the average loss. Only differs by a Constant.