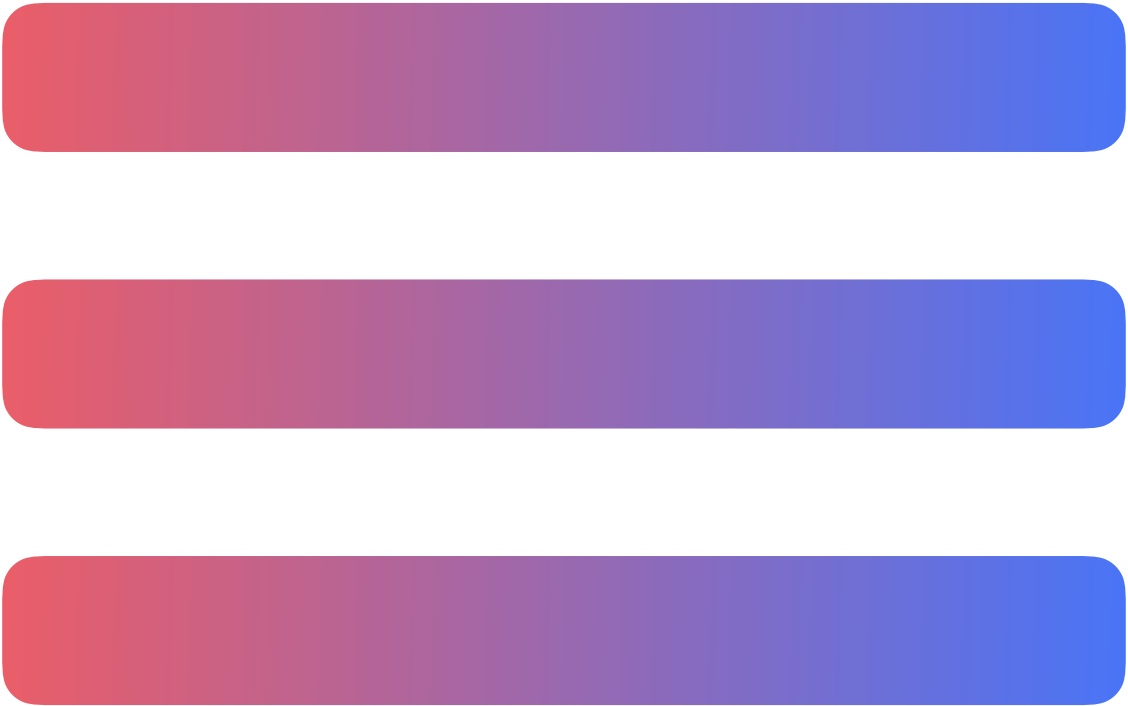
$$\mathscr{L}_{dropout}(w) = \frac{1}{N}\sum_{i=1}^{N} Error(y_i, \hat{y}_i) + \lambda \sum_{i=1}^{L} \| w \|^2$$

$$\min_w \mathscr{L}_{\text{dropout}}(w)$$



$$\min_{w} \mathscr{L}_{\text{dropout}}(w)$$