



$$\frac{dL}{dw} = x \cdot \frac{dL}{dz}$$

$$\frac{dL}{dz} = \frac{dL}{d\hat{y}} \cdot \frac{d\hat{y}}{dz}$$

$$\frac{dL}{d\hat{y}}$$

$$\frac{dL}{db} = \frac{dL}{dz}$$