Andy fine 30h-8h out liens 9= MX+ b Mean squared error $\sum_{i=0}^{N} \left(y_i - y_i \right)$ $(m \times (4b))$

$$= \frac{1}{\sqrt{100}} \left(\frac{1}{\sqrt{100}} \right)$$

$$\frac{\partial E}{\partial m} = \frac{1}{n} \sum_{i=0}^{\infty} 2(y_i - (m, x_i + b)) \cdot (-x_i)$$

$$= -2 \sum_{i=0}^{\infty} 2_i (y_i - (m, x_i + b))$$

Similarly
$$\frac{\partial E}{\partial b} = \frac{-2}{n} \left[\frac{y_1 - (m x_i + b)}{y_1 - (m x_i + b)} \right]$$