

$$\begin{array}{ccccccc}
 & & \text{slope} & & & & \\
 \text{intercept} & & \text{term} & & & & \\
 \diagdown & & \diagup & & & & \\
 y = \beta_0 + \beta_1 x_1 + \beta_2 x_2 + \dots + \beta_M x_M & & & & & & \\
 | & & | & & & & | \\
 \text{target} & & \text{feature} & & & & \# \text{ of} \\
 & & & & & & \text{features}
 \end{array}$$