

# Linear Regression in $\mathbb{R}^2$

- Data:  $(x_1^{(i)}, x_2^{(i)}, y^{(i)})$
- Hyperplane:  $f(x) = 2x_1 + .5x_2$
- Hyperplane:  $f(x) = .5x_1 + 0x_2$

