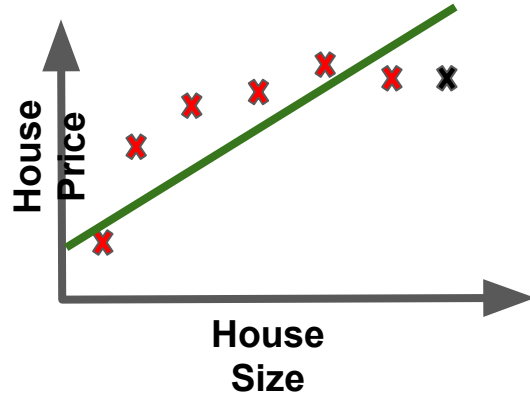


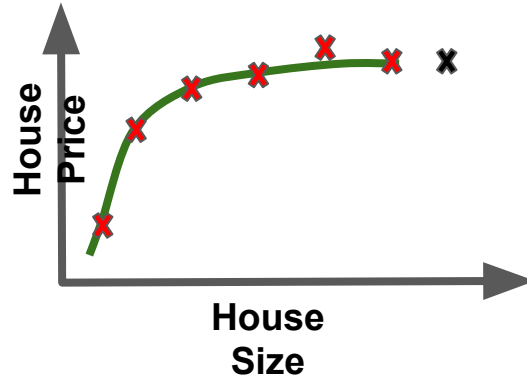
# Understanding AI in 1 Slide



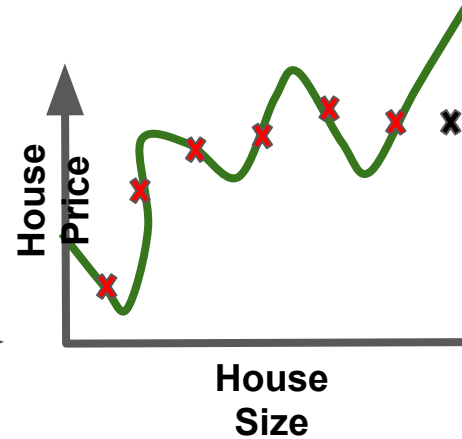
# Regression? Which curve better represents **data** pattern



$$\theta_0 + \theta_1 x$$

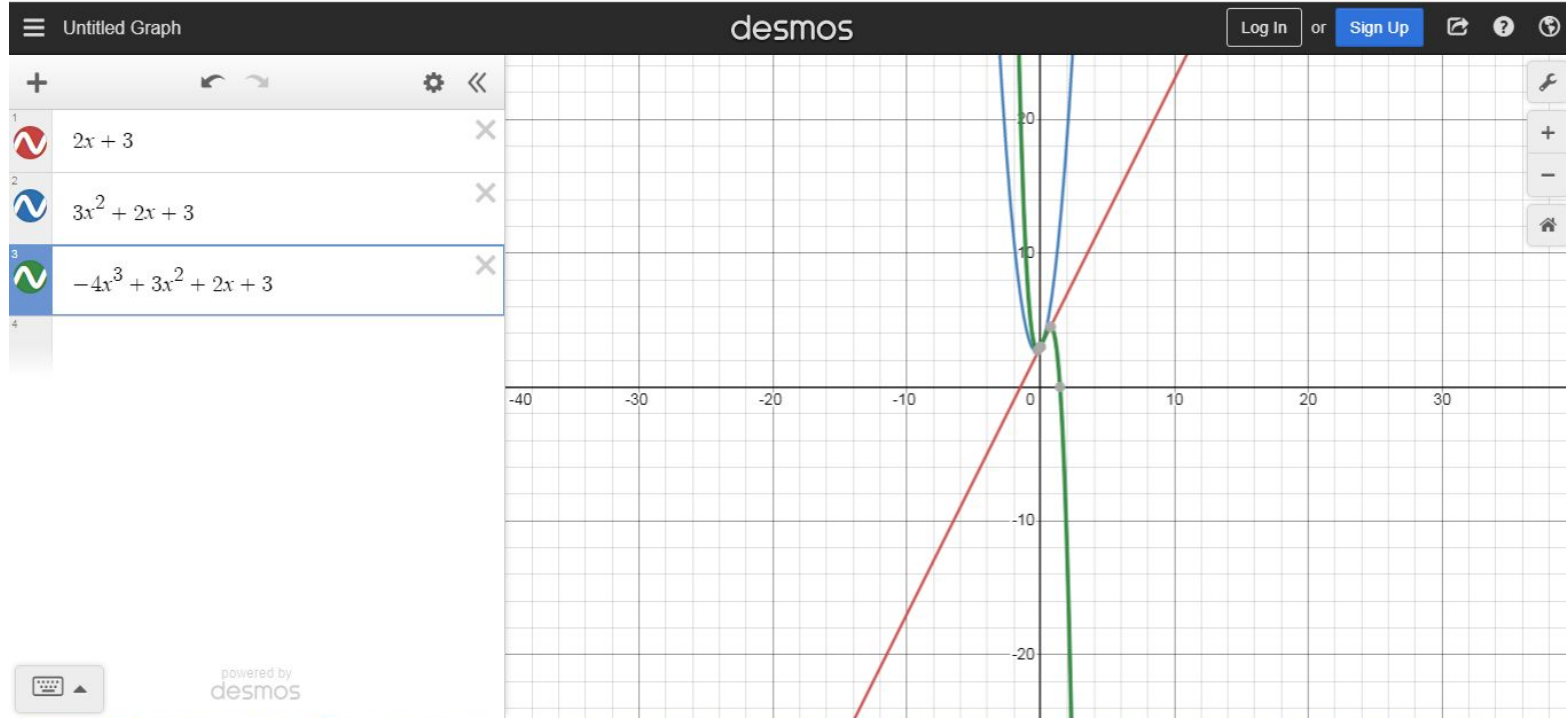


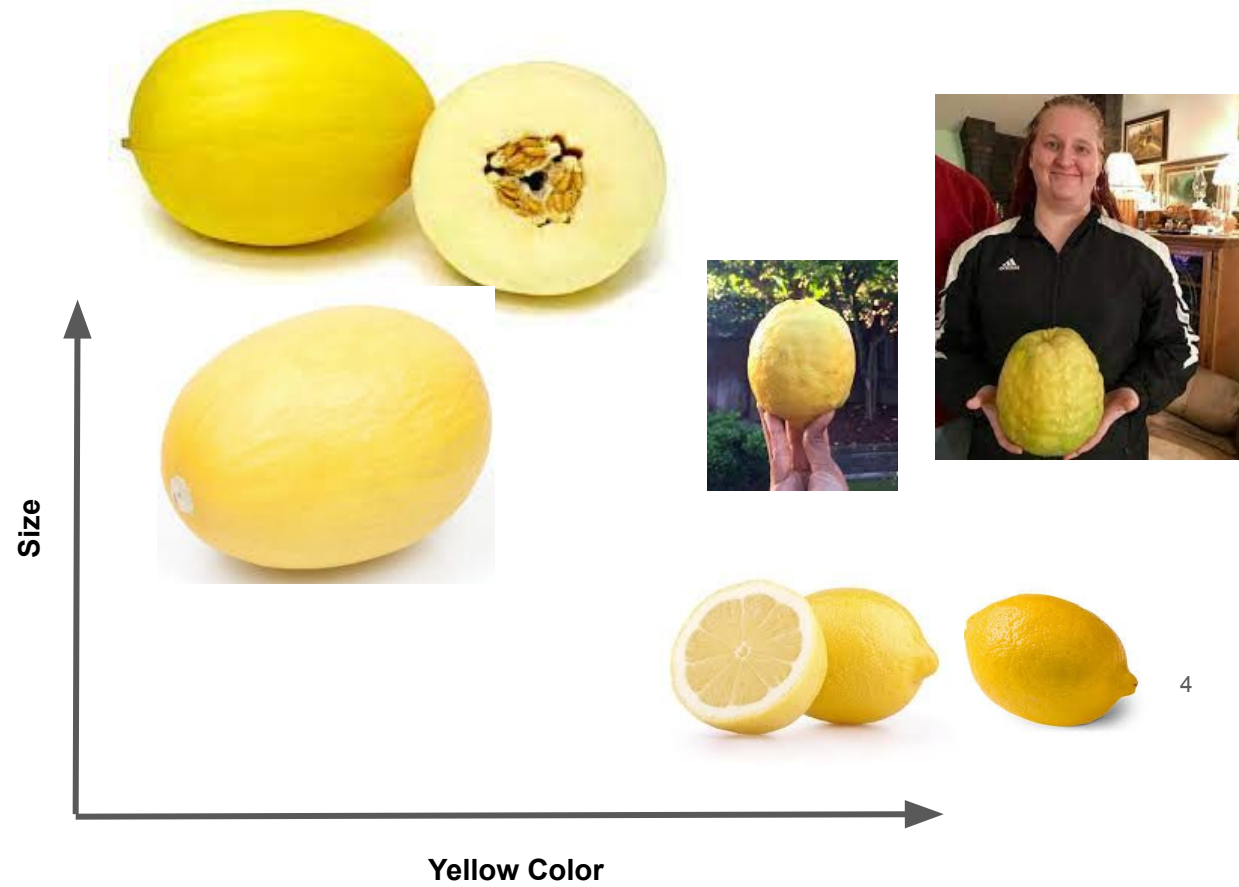
$$\theta_0 + \theta_1 x + \theta_2 x^2$$



$$\theta_0 + \theta_1 x + \theta_2 x^2 + \theta_3 x^3$$

- $x$  = house size
- Which curve better predicts the price for house **x**





## Example: Logistic regression

