ho(n) = Oo+ O, n, + O2 N2 + O3 N3 = Oo+O, n+O2 N2+ O3 N3 = 00 + 0, (size) + 0, (size) + 03 (size)3 M. = (size); N2 = (size)2; N3 = (size)3 → 3 different features using single given feature (size->x) POLYNOMIAL REGRESSION $size^3 = 1 \rightarrow 10^9$ of, size: 1 → 103 use feature salling to improve gradient descent then, size = 1 - 106 Choosing diff features » ho(n)= Po+ P, n+ 0252 Rive (y) = Oot O, (size) + Oz (size) Lusing diff set of Leatures for same set of training data