# What about a quadratic relationship?

1. Construct a linear least squares representation of the data in *breast-cancer-train.dat* and *breast-cancer-validate.dat*. (i.e. 2 matrices).
    - Call the linear least squares representation for *breast-cancer-train.dat* `A_linear`.
2. Construct a right-hand side vector $b$ for both data sets. To create $b$, make a numpy 1D-array the same size as the *Malignant/Benign* column of your data set and set each entry to 1 if the patient's tumor was malignant, otherwise set it to -1.
    - Call the right-hand side vector for *breast-cancer-train.dat* `b`.