Polynomial regression (Bias & Variance)

- Find the the degree of the polynomial in the poly.csv file
- Visualize the data with fitted polynomials using degrees 1 to 10
- Visualize the in-sample error and the out-of-sample error as a function of polynomial degrees

Nonlinear Logistic Regression

- Implement the polynomial (degree=2) transform and transform the heart disease data
- Fit a Logistic Regression model on the regular and the polynomial transformed data and compare their accuracies
- Fit a Logistic Regression model using the polynomial transform (degree=3 !!!) of 2 features. Visualize the original (important!) 2 features along with decision boundary