

- (b) (2 points) Start with the code for polynomial regression from the tutorial (the code without in-built package functions in Tutorial #8) and add quadratic regularization functionality to the code. That is, your code should do polynomial regression with quadratic regularization that takes degree d and regularization parameter λ as input. **Do not use any inbuilt functions from Python packages (except for plotting functions and functions to compute polynomial features for each data point).**