

ECE-471 Selected Topics in Machine Learning
Prof. Curro
Midterm Project

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1 Results

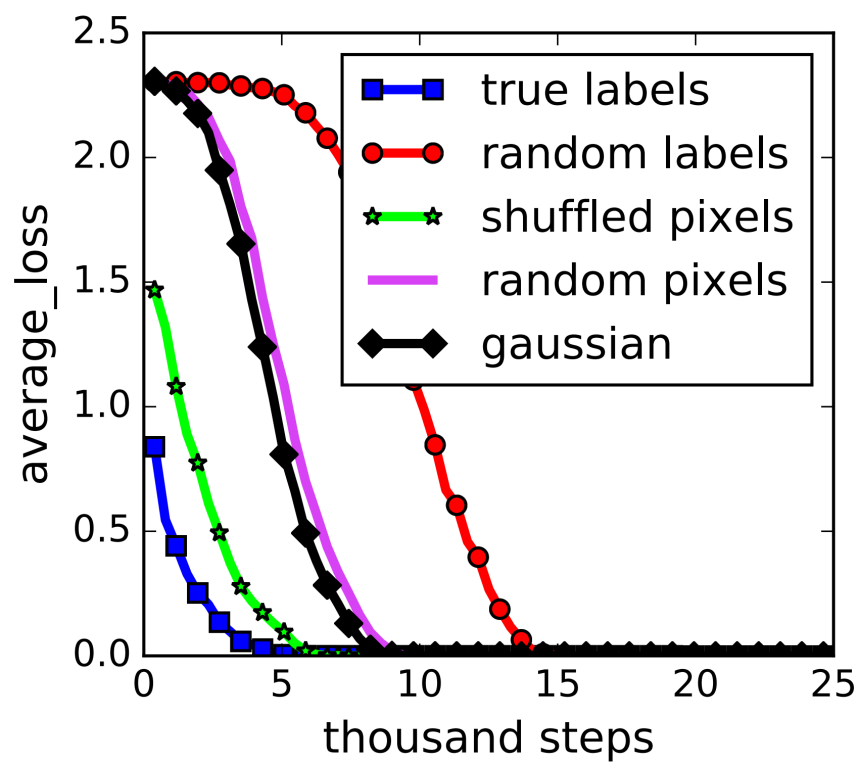


Figure 1: Juxtaposition of the noisy data points, the noiseless sinewave they are based on, and the manifold of the stochastic gradient descent regression model.

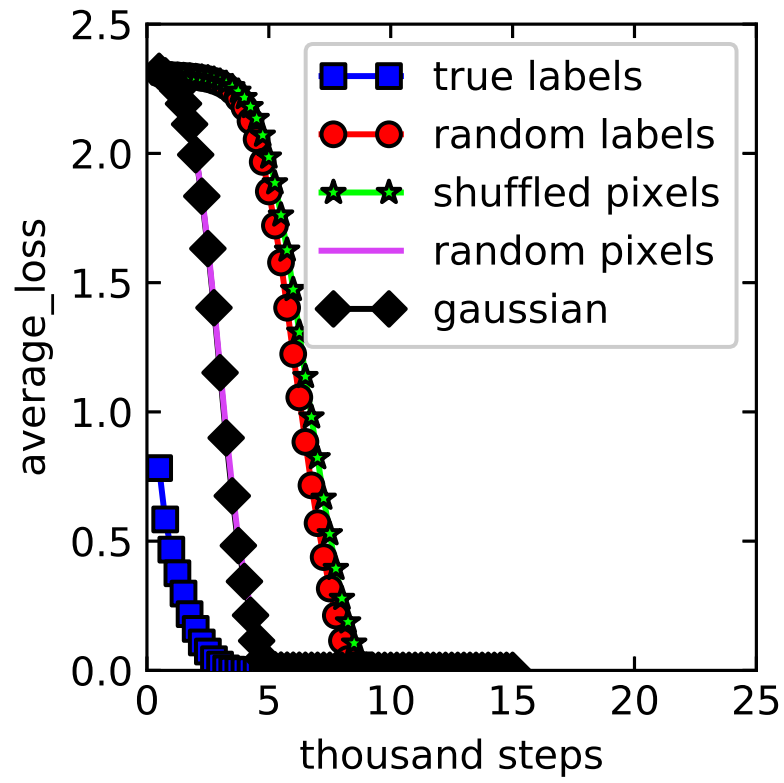


Figure 2: A plot of each of the basis functions, with the weights and intercept removed.

2 Code