ENGR 421

Homework 4 Nonparametric Regression.

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1. Importing necessary libraries.
2. Importing dataset and dividing to test and train data set
3. Defining parameters
4. Calculating regressogram with smooting formula with using bin width , origin and mix max values.
5. Drawing regressogram .
6. Calculation root mean squared error for regressogram .
7. Calculating kernel and mean smoother with using formula and using necessary parmaters.