Problem statement:

The following dataset is a study to assess the heating load requirements of buildings (that is, energy efficiency) as a function of building parameters

The following are the parameters of the dataset;

X1 Relative Compactness

X2 Surface Area

X3 Wall Area

X4 Roof Area

X5 Overall Height

X6 Orientation

X7 Glazing Area

X8 Glazing Area Distribution

y Heating Load