Assignment 2:

The provided dataset "Assignment 2_BUSI 651_House Prices.xls" contains data collected from different 1460 houses. The data contains the sale price (million $) for each house, along with several attributes.

Address the following questions:

a) Develop a Neural Network (NN) prediction model for the sale price. Rationalize the chosen structure of the network.

b) What is the forecast of the sales price, if the Garage Cars is 2, Garage area is 600 ft2, overall quality is 7, and the ground living area is 2,200 ft2. Comment on the forecasted value.

c) Simulate the impact of the model variables on the net profit.

d) What are the limitations of the model?

Submit a PDF file for your answers as well as the Python code in the PDF.