[ML' 22] Simple Linear Regression Assignment

❖ In this assignment, you will use linear regression tools in Python to predict the house price of unit area given some information about the house such as the house age or the number of near convenience stores.

❖ Find the best variable (X) that can be used to predict the price of unit area (Y).

❖ Try all the variables for "X" and calculate the mean squared error for each trial.

❖ **Your code must show all six trials.**

❖ If a variable can not be used as it is, you must handle it first.

❖ Assignment Deadline: Thursday **17/3/2022 11:59 PM**

❖ **You are expected to deliver a .rar/.zip file on Microsoft Teams containing**:

1- Assignment1.py code file containing the code for the six models and prints the MSE for each model.

2- Word file containing:
- Your name, id, department
- A table that summarizes the mean square error of each model
- Your conclusion the best variable to use for this task.