**Manarat International University**

**Department of Computer Science and Engineering**

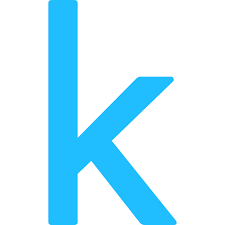
**Artificial Intelligence (CSE – 411)**

**Assignment Milestone**

**Problem Tile**

[**House Prices: Advanced Regression Techniques**](https://www.kaggle.com/c/house-prices-advanced-regression-techniques/)

**[](https://github.com/mzminhaz5683/friends)Team Information**

* **Name Of Our Team :** **Friends [](https://www.kaggle.com/friends16miu40cse)**
* **Contestants Name & Student ID**
* kazi Mushfiqur Rahman :: 1640CSE00465
* Minhazul Zannat :: 1640CSE00466
* Ashrafujjaman :: 1640CSE00537
* **Problem Statement**

The problem is for predicting an unknown random house's price of a given specific area, base on it's given features comparing with the features of some other houses of the same area which prices are given as sample. Our data comes from a Kaggle competition named “[House Prices: Advanced Regression Techniques](https://www.kaggle.com/c/house-prices-advanced-regression-techniques)”. It contains 1460 training data points and 80 features that might help us predict the selling price of a house.

* **Technical Approach**

The methods we intend to apply to solve the given problem are :

* Linear Algebra
* Logistic Regression
* Bayesian Algorithm
* Naive Baye Algorithm
* Neural Network

We will try to use most of the approaches to reduce the Root-Mean-Squared-Error (RMSE) of our project. For so some of our intended methods can be used in a little area and even some other methods can also be used depending on the situation we will face.

Our programming language will be Python 3

* **Expected Submission**
* Position : We expect that we will be in top 200 in scoreboard
* Times : Our submission times can be 7+
* Result : We desire that our project will provide 83% accuracy on predicting.