Manarat International University

Department of Computer Science and Engineering
Artificial Intelligence (CSE – 411)
Lab Assignment

Problem Tile: House Prices: Advanced Regression Techniques

Problem Descriptions
This is a perfect competition for MIU students who are currently learning Machine Learning algorithms and are looking to expand their skill in real-world applications. The competition challenges you to predict the final sales price of a given home.

Team Formation
Team can be formed up within 1 to 3 students. No mix-gender group is allowed.

Time Line
Last date of accepted submission: 04-08-2019 Duration: 5 weeks

Assignment Milestone
Your assignment milestone report should be between 1-2 pages. The following is a suggested structure for your report:

- Name of the Team
- Contestants Name, Student ID
- Kaggle Account (same name with the team-name)
- Git Repository for the source code with documentation
- Problem statement: Describe your problem precisely specifying the dataset to be used
- Technical Approach: Describe the methods you intend to apply to solve the given problem
- Expected Submission: times, approach, result

Submission: Please submit your team milestone in PDF format on here within **10-07-2019**. Only one person of your team should submit the milestone.

Notes:
1. Each team should participate into the competition using one Kaggle account.
2. Source code should be uploaded and maintained in one Git Repository.
3. After each submission details techniques should be presented in Git Issues.

Honor Code
You may consult with Kaggle Kernels, or other publicly available implementations. However, under no circumstances may you look at another group's code or incorporate their code into your project.

Notes About Grading
1. Each group should present their result into the class after the competition.
2. Assignment is graded based on total number submission, algorithm used, and results achieved.
3. Solving other issues will contain extra credit.

For Any Questions Ask: here