Detailed Description of Main Project – CECS 456

A project could take one of several forms based on your interests

- Analyzing an interesting dataset using existing ML methods
- Building your own data product
- Creating a visualization of a complex dataset

For the project idea, you have the following resources to get some insights:

- Kaggle: https://www.kaggle.com/
- UCI Machine Learning Dataset: https://archive.ics.uci.edu/ml/datasets.php

A project will culminate in a written report and a presentation in class

Components of the final report:

- Abstract
- Introduction
- Related Works (An in-depth analysis of existing related ML models)
- Proposed Methods
- Experimental Results (figures with details of explanation, should be sufficient and valid for the demo)
- Conclusion
- Reference
- Link of GitHub for the project & contributions
- The length of the report is at least 4 pages, IEEE formats, double columns

Each group is required to give one technical presentation of the project by the end of this semester. The presentation is expected to be 15-minutes in length. Students and the instructor may ask questions during your presentation, and your answers to questions are part of your evaluation. Students are required to use slides for presentation and need to submit the slides one day before the presentation. The presentation should be done by all team members and the contributions of each team member should be made clear in both presentation and in report.