**MGMT 59000 Fall 2021 Final Project**

Due Date: 12/18/2021 at 9 p.m.

The project involves an analysis of a dataset using techniques learned in the course. You can do this project individually or in pairs. You can choose any publicly-obtainable dataset. You may use a dataset you have used before in the course.

The purpose of the project is to further understand the possible uses of the techniques learned in the course to analyze and obtain insights about data.

The deliverable will include

1. A file (.pdf or .docx) file containing
   1. A brief description of the dataset used.
   2. At least 5 insights about the data, presented in any form that you deem suitable, with an explanation of how those insights were obtained.
2. The dataset itself
3. Any code used to obtain the insights. The code should be submitted in .ipnyb files (there is no limit on the amount of files submitted; it can also all be in one file).

You must use (at least) 5 different techniques, taken from at least 3 of the following topics:

1. graph algorithms
2. dynamic programming
3. linear/integer/convex programming
4. machine learning

There is no formal page limit, but try to be concise.