Peer-graded Assignment: Capstone Project - (Week 1)

**Introduction**

For those students looking to further their education the state of New York, has 240 universities and colleges to choose from. With New York City having many schools in such a small area, you are guaranteed to find a program of your liking in this great city. There is no question that social aspects are a main factor to come to college in New York, but some of the highest quality schools are also available to you in order to provide you with an exceptional education that you can bring with you for the rest of your life. If you are looking to settle down and find a job in New York, you will be more likely to find a job as employers will be able to recognize the name of your college or university. Additionally, there are many other great college towns in the state of New York to attend college, such as Buffalo, Albany, Ithaca, and Syracuse, where one can begin the first step to achieving their dreams.

**Problem Description:**

To apply for a master's degree is a very expensive and intensive work. With this project, students can predict their capacities and guess in which college they will get admission for a master's degree admission from an Indian perspective.

For this project, I am going to put on my entrepreneur hat and create a simple guide to help master’s degree aspirants to predict in which college they will get graduate admission and what will be the expected cost for study.

**Data Requirements**

For this project, I will be utilizing the following dataset is created for prediction of graduate admissions and the dataset links is below:

1. <https://www.free-4u.com/Colleges/New-York-Colleges>
2. <https://www.kaggle.com/mohansacharya/graduate-admissions>

Features in the dataset:

* **School (Name of the college)**
* **City (In which city the college belongs to)**
* **Enroll (The number of students enrolled in the previous year)**
* **In-State Cost (Total fees for in state students)**
* **Out-State Cost (Total fees for out state students)**
* **GRE Scores (290 to 340)**
* **TOEFL Scores (92 to 120)**
* **University Rating (1 to 5)**
* **Statement of Purpose (1 to 5)**
* **Letter of Recommendation Strength (1 to 5)**
* **Undergraduate CGPA (6.8 to 9.92)**
* **Research Experience (0 or 1)**
* **Chance of Admit (0.34 to 0.97)**