



# **Data Modeling for Systems Development**

## **CSCE 411/811**

### **Programming Assignment 1**

**Spring 2020**

#### **Cluster Based Data Analysis using K-Means, DBSCAN & GMM**

**Part A:** Create the Clustering Models (411: 40 pts & 811: 50 pts)

**Part B:** Cluster Based Data Analysis (411: 60 pts & 811: 80 pts)

**Total:** 411 (100 pts) & 811 (130 pts)

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Last Name 1:

First Name 1:

NUID 1:

Last Name 2:

First Name 2:

NUID 2:

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Grader:

**Obtained Score:**