**National University of Computer and Emerging Sciences**



**Quiz 2**

**CL461-Data Mining Lab**

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| Lab Instructor (s) | Abdul Rehman  Mateen Fatima |
| Section | BDS-6A |
| Semester | Spring 2024 |

**Lab Task:**

A dataset is given, you are required to apply Machine Learning Algorithms KNN.

**You are required to :**

- clean the data (if required).

1. Fill all the missing values

2. Categorical conversion

- Independent vs Dependant

- Split the data into 70-30% ratio

- Apply the KNN Algorithm

- Evaluate the Model (achieve at least 80% above accuracy)

Instructions:

1. Implement the above-mentioned algorithm
2. Write a detailed analysis
3. No build-in function for the ML Algo is allowed.