

**Informatics Institute of Technology**

**Department of Computing**

BSc in Computer Science

**Module: 5DATA001C**

**Machine Learning & Data Mining**

**Module Leader: Mr. Achala Aponso**

**COURSE WORK REPORT**

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# Objective 1 (Partitioning clustering)

# Methodologies used for reducing the input dimensionality.

# Pre- Processing tasks

# Number of cluster centers

# K-means analysis for each attempt

# Evaluation of the produced outputs against 19th column

# Final Winner cluster case

# Illustrate of coordinates of each center for each clustering group!

# Objective 2 (MLP)

# Methods for defining the input vector in time-series problems.

# Evidence of various adopted Input vectors and the related input/output metrices

# Evidence of correct normalization

# Implement Number of MLPs, using various structures (layers/nodes)