Unit 3 - Week 1: Introduction

Assignment 1

The data set contains the assignment has been assigned to:

- Real-valued data set, columns: A - 

1. Load Data:
   - Import pandas to read the data set.

2. Exploratory Data Analysis:
   - Check for missing values and handle them.
   - Check for outliers and handle them.
   - Check for multicollinearity and handle it.

3. Model Selection:
   - Select appropriate machine learning algorithms.
   - Split the data into training and testing sets.
   - Train the model on the training set.
   - Evaluate the model on the testing set.

4. Model Interpretation:
   - Interpret the model's results.
   - Identify important features.

5. Results Reporting:
   - Prepare a report to present the results.
   - Include plots and visualizations.

Due on: 2023-01-15, 23:59 GMT.