

# Department of Econometrics and Business Statistics

## ETW3482 DATA MINING AND PREDICTIVE MODELLING

**Semester 2, 2024**

**Assignment 3: Model Assessment Assignment**

**Due date: Friday, 18 October 2024, 11.55 p.m.**

This assignment is 40% of your assessment for this unit. The total number of marks for this project is 100. The objectives of this assignment are:

1. Evaluate and compare the performance of the models built.
2. Produce conclusions and decisions based on model predictions.

### **INSTRUCTIONS**

1. This assignment consists of seven (7) short answer questions.
2. You are required to answer each question by providing the relevant details/answers from your Assignment 2: Predictive Modelling Project.
3. Complete all personal and project details in the Model Assessment Assignment Answer Sheet.
4. Write your answers in the given MS Word format answer sheet, **placing each answer directly after its corresponding question.**
5. Submit the Model Assessment Assignment Answer Sheet as a **PDF file** using the following naming convention: **ETW3482\_Asgnt 3\_Student Name**
6. All your answers should be written clearly and concisely, and the level of technical language must be suitable and appropriate for business technical personnel and management personnel who may be reviewing your project.
7. The word count for this report **should not exceed 1500 words. Please state the total word count at the end of the answer sheet. Anything beyond 1500 words will NOT be read and marked. Please be sure to write the total word count for your assignment at the end of the document. Failure to do this will result in 1 mark being deducted from the total overall marks.** Please take note that the 1500-word limit is not a target to achieve; instead it serves as an upper limit of the total word count for this assignment.
8. To answer questions 6 and 7, you would need to produce the interpretability plots for the **champion model** of your project from Assignment 2.