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ANL488 BUSINESS ANALYTICS APPLIED PROJECT

**Project Oral Presentation – Grading Form**

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| Name of Student: | Tan Wen Xuan | PI: | Z1981074 |
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| Name of Marker: | Munish Kumar | PI: | M2090099 |
| (Supervisor |  |  |  |
| Project Title: | Evaluating Clustering Algorithms for Prediction of Rock Type for Oil and Gas Applications across Different Geographies | | |

Each oral presentation will be graded by the supervisor and a second marker, whose marks will be weighted by 60% and 40% respectively. The supervisor and second marker’s grade should be sent (by email) to the Programme Executive and the ANL488 Course Coordinator the day after the end of all the candidates’ presentations. The indicated grades by each marker should be given out of 100 as follows:

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| **Course Learning**  **Outcomes** | **S/N** | **Component** | **Maximum**  **Marks** | **Score** |
| Apply appropriate business analytics techniques to the business analytics problem, including conducting business understanding, data understanding, data preparation, modeling, evaluation and deployment. | 1. | **Preparation** includes   1. quality and organization of the slides and/or any speaking notes, 2. the amount of information contained in each slide (e.g. explanation and discussion rather than mere “cut-and-paste” output), and the effort put into appearing as professional as possible. | 35 | 28 |
| Debate the effectiveness of the proposed business analytics solution. | 2. | The **quality of the actual delivery** depends on   1. the confidence and flow of the delivery (including eye contact, posture, and vocalization), 2. the candidate’s ability to provide a good understanding of the problem within the time limit (so exceeding the time limit by too much should incur a penalty), and   the candidate’s ability to understand, interpret and respond to queries. | 35 | 28 |
| Defend project results to peers and supervisors. | 3. | **Effectiveness** refers to:   1. the overall strength of the candidate’s arguments, and 2. the strength and clarity of the oral presentation in explaining what has been achieved by the project. | 30 | 23 |
|  |  | **TOTAL** | 100 | 79 |

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| **Comments**  *The marker is at liberty to make brief comments that can improve the project.*  Wen Xuan was very clear on what he was achieving and trying to do with his project. He did a huge amount of work in preparing the data sets and also a lot of work to figure out the domain of oil and gas. His project was to benchmark clustering algorithms against traditional industry methods, and upon realising that the industry method needed to be tweaked for his business problem, went ahead and developed his own workflow, which to me, is already really impressive! He combined maths with data science and really thought like a data scientist. I was very happy with his work  His challenge really now is to try to make some sense of the data; right now, he has some negative results (which to me is totally fine as well), but if he can run a few more experiments, it might be his results will improve. This however is (in my opinion) just a sweetener for the work as, based on the work presented, he has done sufficient work to warrant a thesis. |

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| Signature: |  | Date: | 21/9/22 |

**Notes for markers of Project Oral Presentation:**

**Variability Chart for Score**





Note to all markers of ANL488:

1. The overall mean mark is 71 for both the Oral and Final Report. We should aim for a mean of 65 with the exceptional students scoring around 75.
2. For those students who have not done enough work for either the oral or the final report, you can ask them to extend for another semester.