

# MIS272 – Predictive Analytics

T2 2024

## Assignment 1 – Rubric

Assessment Items (Global Learning Outcomes)	YET TO ACHIEVE MINIMUM STANDARDS		MEETS EXPECTATIONS		EXCEEDS EXPECTATIONS	
	Fail (N) /0-49 Poor/unacceptable/not attempted/requires further development/needs improvement		Pass (P)/ 50-59 Acceptable/satisfactory	Credit (C)/60-69 Good/well done	Distinction (D)/ 70-79 Very good/exceeds expectations	High Distinction (HD)/80-100 Excellent and exemplary/exceeding high standards
<b>Executive summary of problem and solution (GLO1)</b>	Provides <b>no</b> or <b>incomprehensible</b> summary of problem and solution. Solutions are not justified. No references are given to the rest of the report.  Default: 1.5 Range: 0 – 2.9	Provides <b>insignificant</b> summary of problem and solution. Solutions are not fully justified. Limited references to the rest of the report.  Default: 4 Range: 3 – 4.9	Provides a <b>satisfactory</b> summary of problem and solution. Some solutions are justified. Some minor references to the rest of the report.  Default: 5.5 Range: 5 – 5.9	Provides a <b>good</b> summary of problem and solution. Most of the solution is justified. Adequate references to the rest of the report.  Default: 6.5 Range: 6 – 6.9	Provides a <b>very good</b> summary of both the problem and solution. Solution well justified. Good reference to the rest of the report.  Default: 7.5 Range: 7 – 7.9	Provides an <b>excellent</b> summary of both the problem and solution at an appropriate level of specificity. Solutions are fully comprehensible and fully justified. Excellent referencing to the rest of the report.  Default: 10 Range: 8 – 10
<b>Explore, discover, and prepare data for predictive analysis (GLO1)</b>	Provides <b>no</b> evidence of initiative in exploration and <b>no</b> viable approaches to preparing data. Finds no meaningful patterns.  Default: 4.5 Range: 0 – 8.9	Provides <b>little</b> evidence of initiative in exploration and a <b>few</b> viable approaches to preparing data. Finds a few meaningful patterns.  Default: 12 Range: 9 – 14.9	Demonstrates <b>satisfactory</b> initiative in exploration and identifies and multiple <b>basic</b> approaches to preparing data. Finds some meaningful patterns.  Default: 16.5 Range: 15 – 17.9	Demonstrates <b>good</b> initiative in exploration and identifies and multiple <b>adequate</b> approaches to preparing data. Finds adequate meaningful patterns.  Default: 19.5 Range: 18 – 20.9	Demonstrates <b>very good</b> initiative in exploration and multiple <b>effective</b> approaches to preparing data. Finds relevant and meaningful patterns that informs predictive modelling.  Default: 22.5 Range: 21– 23.9	Demonstrates <b>exemplary</b> initiative in exploration and multiple <b>advanced</b> approaches for preparing data. Finds significant meaningful patterns that informs predictive modelling.  Default: 30 Range: 24 – 30
<b>Analyse data with predictive models (GLO4)</b>	Summarizes data <b>rather than</b> predictive modelling; <b>does not</b> address the problem and questions.  Default: 6 Range: 0 – 11.9	Summarizes data with <b>very little</b> predictive modelling; <b>rarely</b> address the problem and questions.  Default: 16 Range: 12 – 19.9	Reveals <b>some</b> proficiency in predictive modelling; addresses the problem and questions <b>satisfactorily</b> .  Default: 22 Range: 20 – 23.9	Reveals <b>generally sound</b> proficiency in predictive modelling; addresses the problem and questions <b>well</b> .  Default: 26 Range: 24 – 27.9	Reveals <b>very good</b> proficiency in predictive modelling; <b>insightful response</b> to the problem and questions.  Default: 30 Range: 28 – 31.9	Reveals <b>excellent</b> proficiency in predictive modelling; <b>insightful response</b> to the problem and questions.  Default: 40 Range: 32 – 40
<b>Evaluate and improve analytic solutions (GLO4)</b>	Evaluation of solutions is <b>superficial</b> lacking <b>any</b> consideration for the models developed, with little or no logical judgments of the pros and cons of the models or improvement.  Default: 3 Range: 0 – 5.9	Evaluation of solutions is <b>partial</b> lacking consideration for the models developed, with little or no logical judgments of the pros and cons of the models or improvement.  Default: 8 Range: 6 – 9.9	Evaluation of solutions <b>satisfactorily</b> considers the models developed, logically judges the pros and cons of the models; Reveals satisfactory efforts towards model improvement.  Default: 11 Range: 10 – 11.9	Evaluation of solutions <b>reasonably</b> considers the models developed, logically judges the pros and cons of the models. Reveals generally sound efforts towards model improvement.  Default: 13 Range: 12 – 13.9	Evaluation of solutions <b>thoroughly</b> considers models developed, logically judges the pros and cons of the models. Reveals very good efforts towards model improvement.  Default: 15 Range: 14 – 15.9	Evaluation of solutions contains <b>consistently</b> thorough and insightful consideration of the models developed, logically judges the pros and cons of the models. Reveals excellent efforts towards model improvement.  Default: 20 Range: 16 – 20