MIS272 – Predictive Analytics

T1 2025

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**
Executive summary of problem and solution (GLO1)	Provides **no** or **incomprehensible** 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 **insignificant** 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 **satisfactory** 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 **good** 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 **very good** 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 **excellent** 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
Explore, discover, and prepare data for predictive analysis (GLO1)	Provides **no** evidence of initiative in exploration and **no** viable approaches to preparing data. Finds no meaningful patterns. Default: 4.5 Range: 0 – 8.9	Provides **little** evidence of initiative in exploration and a **few** viable approaches to preparing data. Finds a few meaningful patterns. Default: 12 Range: 9 – 14.9	Demonstrates **satisfactory** initiative in exploration and identifies and multiple **basic** approaches to preparing data. Finds some meaningful patterns. Default: 16.5 Range: 15 – 17.9	Demonstrates **good** initiative in exploration and identifies and multiple **adequate** approaches to preparing data. Finds adequate meaningful patterns. Default: 19.5 Range: 18 – 20.9	Demonstrates **very good** initiative in exploration and multiple **effective** approaches to preparing data. Finds relevant and meaningful patterns that informs predictive modelling. Default: 22.5 Range: 21 – 23.9	Demonstrates **exemplary** initiative in exploration and multiple **advanced** approaches for preparing data. Finds significant meaningful patterns that informs predictive modelling. Default: 30 Range: 24 – 30
Analyse data with predictive models (GLO4)	Summarizes data **rather than** predictive modelling; **does not** address the problem and questions. Default: 6 Range: 0 – 11.9	Summarizes data with **very little** predictive modelling; **rarely** address the problem and questions. Default: 16 Range: 12 – 19.9	Reveals **some** proficiency in predictive modelling; addresses the problem and questions **satisfactorily**. Default: 22 Range: 20 – 23.9	Reveals **generally sound** proficiency in predictive modelling; addresses the problem and questions **well**. Default: 26 Range: 24 – 27.9	Reveals **very good** proficiency in predictive modelling; **insightful response** to the problem and questions. Default: 30 Range: 28 – 31.9	Reveals **excellent** proficiency in predictive modelling; insightful **response** to the problem and questions. Default: 40 Range: 32 – 40
Evaluate and improve analytic solutions (GLO4)	Evaluation of solutions is **superficial** lacking **any** 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 **partial** 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 **satisfactorily** 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 **reasonably** 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 **thoroughly** 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 **consistently** 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