

INF30030 assignment 3

Marking Rubric

Assessment Task	Not attempted	Below expectation	At expectations	Exceeds expectation
	No response submitted for this section 0% marks	<u>UNSATISFACTORY</u> Student presents with minimal evidence of required skills	<u>PASS/CREDIT</u> Student presents with a majority of the required skills	<u>Distinction/ High Distinction</u> Student presents above and beyond the required skills
Defining Business Objectives 5 marks max	No response submitted or submitted response doesn't address the assessment task	Response does not address or partially addresses assignment requirements in terms of identifying the business objectives of the project. Response is brief and lacks development. Contains little evidence that the student has read, viewed, and considered the requirements of the assignment.	Response is adequate, but could be developed further. Is substantive and evidence - based; Demonstrates that the student has read, viewed, and considered the requirements in the assignment. Only few of the business objectives have been identified	Well - developed response. Goes beyond what is required in some meaningful way. Business objectives have been comprehensively defined and explained. Students have taken 'out - of - the box' approach.
Preparing and exploring Data 7 marks max	No response submitted or submitted response doesn't address the assessment task	Partial analysis and transformation of data has performed. Limited justification on the data included in or excluded from the model. Partial cleaning of data	Adequate analysis and transformation of data has performed. Data is cleaned and prepared in a satisfactory manner.	Excellent analysis and transformation of data has performed. Selection of data for the model is explained in an exceptional manner. No incomplete, inconsistent or ambiguous data.

Sampling Your Data 5 marks max	No response submitted or submitted response doesn't address the assessment task	Partially describe the rationale behind the data sampling	Adequate description and justification of data Sampling	Excellent description and justification of data sampling
Building the Model (train dataset) R Code and reports 10 marks max	No response submitted or submitted response doesn't address the assessment task	Hastily prepared; limited in scope; neither current nor complete; Model built on train dataset (train.csv) is either underfit or overfit. The model generates only few reports.	Current and complete; shows some discrimination between relevant and non - relevant data. Line of thought mostly clear. The model generates most of the reports.	Current, comprehensive, complete; shows superior discrimination between relevant and non - relevant data; Line of thought is easy to follow and supported by structure. The model generates all relevant reports.
Evaluating the Model (Test dataset) R Code and reports 8 Marks	No response submitted or submitted response doesn't address the assessment task	The submitted model is incomplete in its approach. Doesn't satisfy all requirements. Models is either underfit or overfit.	The submitted model is adequate in its approach. Satisfy most of the requirements. Models is either underfit or overfit.	The submitted model is excellent in its approach. Satisfy all the requirements and is neither underfit nor overfit.
Written expression and the code pasted inside appendix 5 marks max	No response submitted or submitted response doesn't address the assessment task	Incorrect, incomplete code. Writing is convoluted. Misspelled words, incorrect grammar, and improper punctuation are evident.	Adequate predictions. Writing is generally clear, but unnecessary words are occasionally used. Few spelling, grammar, or punctuation errors are made. Demonstrates evidence of editing. Code has been included and running with minor errors.	Complete and correct code runs with no issue. Writing is crisp, clear, and succinct. Choice of language enhances effectiveness of the document. Uses a preponderance of original language. Ideas are supported with evidence. No spelling, grammar, or punctuation errors are made. <u>Demonstrates evidence of editing.</u>