

University of Toronto
Department of Mechanical and Industrial Engineering
MIE368: Analytics in Action
(Fall 2020)

Preliminary Report Rubric (out of 15)

	Insufficient	Satisfactory	Good	Excellent
Exploratory Data Analysis (5)	Inappropriate/ insufficient dataset. Data is not appropriately cleaned. EDA Analysis is irrelevant to the main problem	Appropriate but insufficient dataset. Data has been somewhat transformed for the problem Contains superficial EDA insights	Appropriate dataset. Data has been appropriately transformed for the problem. Contains some EDA insights to guide the model	Unique dataset. Data has been perfectly transformed for the problem. Contains many interesting EDA insights to guide the model
Initial Model (3)	Methods are both infeasible & inappropriate. Modelling is irrelevant to the main problem	Methods are insufficient to answering the problem or incorrectly applied. Contains superficial insights	Methods are appropriate for the problem & mostly correct. Contains some insights	Methods are thought-out, ideal for the problem, & correct. Contains many interesting insights
Next Steps (3)	Unclear plan going forwards. Not connected to the EDA OR initial results No suggestions for model improvements or extensions	Somewhat clear plan going forwards, somewhat guided by the EDA or initial results Unreasonable suggestions for model improvements or extensions	Mostly clear plan going forwards guided by the EDA or initial results. Reasonable suggestions for model improvements or extensions	Completely clear and well motivated plan going forward guided by the EDA and initial results Creative suggestions for model improvements or extensions
Writing Quality (4)	Incoherent with numerous grammatical errors and a complete lack of structure/flow Diagrams are nonexistent or unclear.	Partially clear with regular grammatical errors. Poorly structured with little flow Diagrams are not relevant or labelled.	Mostly clear with some grammatical errors. Decently structured and decent flow. Diagrams are relevant but sometimes unclear.	Very clear with no grammatical errors. Well structured and strong flow. Diagrams are relevant, labelled and clear.