

Midterm Report Rubric (Group)

Group Number:

Members:

- 1.
- 2.
- 3.
- 4.

Presentation Components	%	Grade			
		Excellent (90-100%)	Good (70-89%)	Satisfactory (50-69%)	Needs Improvement (below 50%)
Problem Motivation Clearly articulate the significance and interest of the problem	10	The significance and interest of the problem are compellingly articulated, with clear context and relevance.	The problem is adequately described, with reasonable context and relevance .	The problem is mentioned but lacks detailed context or relevance	The problem is poorly articulated or irrelevant
Justification for Analytics Demonstrate why analytics approach is necessary for the problem	10	Strong, well-supported argument for the necessity of a prescriptive analytics approach.	Reasonable justification provided for using prescriptive analytics.	Basic justification is attempted but lacks depth or clarity .	Little to no justification or understanding of the need for analytics.
Model Components Identification Define the key components of the model, including decision variables, the objective function, and constraints	25	Decision variables, objective function, and constraints are thoroughly identified and defined .	Components are identified with minor omissions or lack of clarity .	Components are identified but with significant omissions or errors .	Key components are missing or incorrectly defined .
Data Strategy Outline data sources and describe necessary preprocessing steps	25	Comprehensive identification of data sources and detailed preprocessing steps.	Adequate identification of data sources and general preprocessing steps.	Basic mention of data sources or preprocessing with several omissions .	Inadequate or incorrect data strategy.
Benchmarking Establish a baseline solution for comparing the effectiveness of the proposed model	25	Establishes a clear, relevant baseline for comparison and demonstrates a deep understanding of its importance.	Adequately establishes a baseline but with less clarity or relevance .	Attempts to establish a baseline but lacks clarity or relevance.	Baseline is missing or inappropriate .
Writing and presentation Demonstrate professional writing skills	5	Clear, typo-free, and professional report with effective headings and visual aids	Clear report with minor lapses in typo or other writing errors ; uses visual aids appropriately.	Overly verbose report with limited clarity; visual aids are basic or unclear.	Poor report with writing errors; missing or overly complex visual aids .