DSA 554 3.0 Spatio-temporal Data Analysis

Index Number:

Student's signature confirming attendance at the presentation: …………… (To be signed Infront of the examiner)

Date:

To be filled by the examiner

Criteria	Marks allocated	Marks received
Introduction: Introduction Clearly summarize the research problem and objectives. Explain the significance of the study in the broader context of spatial or spatio-temporal analysis.	**2 marks**	
Data Provide details about the dataset used in the study. If the dataset is not publicly available, construct a simulated dataset to illustrate key concepts.	**3 Marks** **2 Marks (Google Classroom submission)**	
Methodology Describe the techniques and models used in the study. Explain why these methods were chosen and their advantages.	**10 marks**	
Replication of Results Attempt to reproduce the key findings using the provided or simulated dataset. Present and interpret your results.	**6 Marks Presentation**	
	4 Marks results and code submission and reproducibility of results (Google classroom submission)	
Suggestions for Improvement Identify potential weaknesses or limitations in the study. Suggest alternative methods, additional analyses, or improvements in data collection.	**3 marks**	
Limitations Discuss the challenges or constraints associated with the study's approach. Reflect on the broader implications of these limitations.	**2 marks**	
Q and A	**Q1: 3 marks** **Q2: 3 marks** **Upload all required documents: 2 marks**	
Total	**40 marks**	