

Data Science Final Project – Grading Rubric (100 points)

Category	Subcategory	Criteria	Points	Grade
I. Presentation			60	
	Project Content & Technical Quality	Problem Definition & Motivation: Clear, well-defined data-driven problem; appropriate task type (classification, regression, etc.)	5	
		Data Cleaning & EDA: Data cleaning (missing values, outliers); meaningful descriptive statistics	5	
		Statistical Analysis: Appropriate hypothesis test; clear explanation of hypothesis, results, and interpretation	5	
		Modeling Approach: Includes baseline + advanced models; reasonable model choice and justification; basic evaluation/comparison	5	
		Visualization & Insights: ≥5 figures covering exploration, statistical analysis, modeling, and insights; figures clear, labeled, readable; support conclusions; insights meaningful and data-driven	10	
	Slides Quality	Organization & Structure: Logical flow (intro → methods → results → conclusion); easy to follow	5	
		Clarity & Readability: Clean layout; readable text; appropriate content amount; good visual design; consistent formatting	10	
	Presentation Delivery	Clarity of Explanation: Concepts explained clearly; able to explain methods and results confidently	10	
		Time Management: Fits 15–20 minutes; smooth transitions between speakers	5	

Category	Subcategory	Criteria	Points	Grade
II. Report & Contribution			40	
	Written Report Quality	Structure & Completeness: Includes all required sections; logical and coherent flow	10	
		Technical Correctness: Methods implemented correctly; no major analytical errors	5	
		Interpretation & Insight: Results properly interpreted; clear conclusions and takeaways	5	
	GitHub & Team Contribution	Repository Organization: Proper folder structure (data/, notebooks/, src/, etc.); clear README	3	
		Version Control Usage: Meaningful commit history; evidence of individual contribution	7	
		Reproducibility: Jupyter notebook clear and runnable; code, outputs, and explanations well-organized	10	
Bonus	-	Exceptional effort, creativity, or outstanding design/insight beyond requirements	(+5~+10)	