Category	Weight %	Exceptional Performance (90-100%)	Strong Performance (75-89%)	Developing Proficiency (60-74%)	Needs Improvement (45-59%)	Opportunity for Growth (<45%)
		5	4	3	2	1
GitHub Repository & Collaboration	10%	Easy access with frequent commits and comments. Comprehensive README. Branch usage and conflict resolution.	Mostly smooth access. README mostly clear. Adequate collaboration, but minor issues.	Basic collaboration. Final project on the main branch, limited README.	Major access issues. Limited collaboration or documentation.	No access or final project not on the main branch. Poor documentation.
Project Management (Trello/Equivalent)	10%	Strong evidence of scrum meetings. Effective task tracking and division of labor.	Adequate project management with some evidence of meetings. Minor Trello usage gaps.	Limited management with minimal task tracking and incomplete meetings.	Minimal task tracking, no clear meetings. Trello used infrequently.	No project management. No Trello or equivalent usage. No clear division of tasks.
Notebook Structure & Coding Practices	10%	Well-structured notebook. Clear headings, markdowns, comments. Code follows PEP8.	Well-structured with minor gaps. PEP8 followed but with occasional inconsistencies.	Basic notebook structure, inconsistent markdowns. Lack of comments.	Poorly structured notebook, minimal markdowns. Code readability issues due to poor structure.	Unstructured code. No markdown or adherence to PEP8.

Criteria	Weight	Excellent	Good	Satisfactory	Needs Improvement	Poor
Data Analysis & EDA	15%	Thorough use of pandas and NumPy. Detailed documentation. Insightful visualizations explaining data trends.	Effective use of pandas and NumPy, but visualizations or documentation could be improved.	Basic use of pandas/NumPy. Visualizations lack clarity or relevance. Documentation limited.	Minimal pandas/NumPy usage. Visualizations unclear. Incomplete or poor documentation.	No meaningful EDA. Poor or missing documentation. Visualizations irrelevant.
Regression Models	15%	More than three models applied. Comprehensive comparison with relevant metrics.	Three models applied with adequate justifications and performance comparison.	Three models applied with basic justifications and limited performance comparison.	Fewer than three models applied. Justifications lacking or unclear. Poor comparison of model performance.	No meaningful models applied. No justification or comparison.
Evaluation Metrics	10%	Highly appropriate metrics chosen with thorough explanation. Interpretation of results is deep and meaningful.	Appropriate metrics used with clear explanation. Results interpreted adequately.	Basic metrics chosen. Limited interpretation of results. Some metrics may not align fully with the problem context.	Limited or inappropriate metrics. Explanations unclear or incorrect.	No relevant metrics used. Results not interpreted or understood.
Visualizations	10%	Well-designed visual aids making data easily understandable. Visuals are clear, labeled, and support conclusions.	Visual aids are appropriate but could benefit from improved labeling or clarity.	Basic visualizations included but lack clarity. Visual aids do not strongly support conclusions.	Visuals unclear or irrelevant to the analysis.	No or poor visualizations. Misleading or irrelevant data presentation.
Presentation Slide Deck	15%	Content: Comprehensive, well-structured. Visuals: Strong	Content: Covers main points, but lacks some depth. Visuals: Clear but	Content: Basic content with missing sections or weak visuals. Conclusion:	Content: Poorly organized. Missing or irrelevant sections. Visuals:	No logical flow or structure. Poor or missing visuals. No clear conclusion.

		visual aids. Conclusion: Insightful and supported by analysis.	some improvement needed. Conclusion: Adequate, but could be stronger.	Present, but lacks depth.	Unclear. Conclusion: Weak or unsupported by data.	
Conclusion & Insights	3%	Insightful, evidence-based conclusions. Clear recommendations for the future based on data analysis.	Sound conclusions with some recommendations based on data analysis.	Basic conclusions with limited recommendations. Weak connection between conclusions and analysis.	Weak or unsupported conclusions with no clear recommendations.	No relevant or evidence-based conclusions. No recommendations for the future.
Overall Quality	2%	Demonstrates creativity and effort. The project exceeds expectations in originality or insight.	Meets expectations, with some areas exceeding expectations. Minor creativity or originality present.	Meets basic expectations with limited creativity or effort.	Does not meet expectations. Minimal effort, lacking originality or depth.	Does not meet the basic requirements for submission.