

Overview, motivation, related work and research questions			Data sources and description		Exploratory data analysis		Answering the research questions and final analysis (including modeling)		Aesthetics, English writing, project organization, code quality:	
Completion	Points	Comments	Points	Comments	Points	Comments	Points	Comments	Points	Comments
100%	10	Comprehensive and engaging introduction. Clear articulation of project goals and motivation. Effective linking to relevant literature.	10	Detailed description of data sources and handling. Clear explanation of data scraping and cleaning methods. Demonstrates deep understanding of data's relevance and quality. Details the sources, types, and preprocessing steps. Clearly identifies the variables of interest. Mentions and deals with data quality issues (outliers, missing values, etc.). Includes relevant tables and visualizations that enhance understanding.	35	Exceptional EDA. Diverse, well-justified visualizations. Effectively highlights patterns and trends in the data. Clear explanation of findings' impact on project direction. While not addressing the research questions, it opens a path towards answering them.	35	Comprehensive and insightful analysis. Thoroughly answers research questions. Well-supported conclusions demonstrating critical thinking. If models are used: Exceptional understanding of the chosen model(s). Correct application with appropriate interpretation of results. Evidence of checking model assumptions (e.g., Gaussian residuals in linear regression).	10	Project Organization & Reproducibility: Flawless organization, making reproduction of results straightforward. Clear structure and documentation. Visualizations: Exceptionally well-chosen and designed. Readable, complete with informative titles, labels, and axes. Code Quality: High-quality code with excellent modularity and comments. Consistent and clear coding style. English Writing: Impeccable English, with clear, concise, and engaging writing. Professional and error-free.
75%	7.5	Solid overview and motivation. Adequate connection with related work materials. Clear research questions, with minor areas lacking detail.	7.5	Good overview of data sources and processing. Clear explanation, but may miss nuances in data quality. Adequate handling of data scraping and cleaning. May lack some details. Could benefit from additional tables and visualizations.	26.25	Good EDA. Good range of visualizations and data summaries. Solid rationale for chosen methods. Demonstrates understanding, but may lack depth. Could benefit from additional analysis (e.g., links to the research questions).	26.25	Effectively answers most research questions. Clear data support. Some areas may lack depth. If models are used: Good understanding and application of model(s). Reasonably accurate interpretation of results. Some evidence of consideration for model assumptions.	7.5	Project Organization & Reproducibility: Well-organized, with minor issues in reproducing results. Generally good documentation. Visualizations: Good choice and design. Mostly readable with clear titles, labels, and axes. Minor improvements needed. Code Quality: Good code with some modularity and adequate comments. Mostly consistent coding style. English Writing: Good quality writing with minor errors. Clear and coherent overall.
50%	5	Basic coverage of essential elements. Some analysis or connection with related work. Research questions are presented but not fully developed.	5	Adequate description of data sources. Key aspects of data collection and cleaning mentioned. Lacks key details, tables, and visualizations. Provides a basic overview of the data.	17.5	Adequate EDA. Basic understanding of data. Lacks comprehensive insights or in-depth analysis. No clear direction or links to the research questions.	17.5	Addresses research questions to an extent. Basic analysis with limited depth. Conclusions supported but not robustly. If models are used: Basic understanding of model(s) used. Interpretation of results is adequate, but lacks depth. Minimal or incorrect consideration for model assumptions.	5	Project Organization & Reproducibility: Adequate organization but some difficulty in reproducing results. Some documentation issues. Visualizations: Adequate, but some choices may not be optimal. Some issues with readability or completeness. Code Quality: Basic code quality with limited modularity. Few comments and inconsistent coding style. English Writing: Basic level of English. Some errors and lack of clarity, but generally understandable.
25%	2.5	Underdeveloped introduction. Weak connections to related work. Research questions not clearly defined.	2.5	Basic mention of data sources and handling. Lacks detail in explaining processes. Minimal reasoning provided. Incomplete or unclear. Key details and visualizations are missing.	8.75	Limited EDA. Few visualizations with minimal justification. Lacks in-depth interpretation and analysis. Incomplete or unclear. Key details and visualizations are missing.	8.75	Minimal effort in answering questions. Superficial analysis. Lacks strong data support. If models are used: Limited understanding of the chosen model(s). Poor application and interpretation of results. Little to no consideration for model assumptions.	2.5	Project Organization & Reproducibility: Poor organization, making reproduction challenging. Lacks proper documentation. Visualizations: Poor choice or design. Issues in readability. Lack of necessary information. Code Quality: Low-quality code with minimal modularity. Sparse or no comments and inconsistent style. English Writing: Subpar English with numerous errors. Lacks clarity and coherence.
0%	0	No introduction presented. Fails to address required elements.	0	No description of data sources. Fails to mention data handling processes.	0	No exploratory data analysis. Fails to meet minimum requirements.	0	Fails to address research questions. No substantial analysis. If models are used: Incorrect or inappropriate use of models. No understanding of model application or interpretation of results. Complete disregard for model assumptions.	0	Project Organization & Reproducibility: No apparent organization. Reproduction of results is impossible. Visualizations: No visualizations or completely irrelevant/unreadable. Code Quality: Code is non-functional, unreadable, or absent. English Writing: Writing is incomprehensible or absent.