

2026 資料科學漫步 | 第一階段評分標準及說明

編號	評分項目	評分標準	得分範圍
1	研究目的與動機	- 研究問題具備探討價值與研究意義。 - 敘事內容具吸引力，並能有效闡明數據所呈現的洞見。 - 研究成果具備解決實際問題或應用於真實情境的潛力。	0 – 20
2	科學方法與工具使用	- 採用合理且嚴謹的分析方法。 - 分析工具（包含傳統統計、人工智慧或機器學習技術）選擇與運用得當。 - 技術實作正確，並能有效支持分析與敘事。 - 提供完整的程式碼說明與技術細節，確保分析流程具備可驗證性與可重現性。	0 – 20
3	推論與討論	- 數據分析結果具備清晰、有條理的呈現方式，並能根據分析結果提出合理推論。 - 展現對研究問題的深入理解，並針對分析結果進行充分且適切的討論。 - 結論具備邏輯一致性，並能充分呼應研究目的與研究動機。	0 – 25
4	成果展現與報告撰寫	- 作品成果展示清晰、完整且具說服力。 - 報告結構完整，內容表達流暢，整體易於理解。	0 – 25
5	創新性與延伸性	- 分析過程展現創新思維或工具運用能力。 - 從嶄新角度探索數據，提出具獨特價值的洞見或結論。 - 分析方法或成果具備延伸至不同情境或更廣泛領域的應用潛力。	0 – 10

Promenade of Data Science 2026 First-Round Evaluation: Criteria and Guidelines

No.	Evaluation Criteria	Evaluation Standards	Score Range
1	Research Objectives and Motivation	- A meaningful and worthwhile research question is established. - A clear narrative communicates insights derived from the data. - Findings demonstrate potential for real-world applications.	0 – 20
2	Scientific Methods and Use of Analytical Tools	- Appropriate and reliable analytical methods are employed. - Analytical tools, including traditional statistical methods and AI/machine learning techniques, are selected and applied appropriately. - Applied techniques are implemented correctly and effectively support the analysis and narrative. - Code explanations and technical details are provided to ensure the analytical process is verifiable and reproducible.	0 – 20
3	Inference and Discussion	- Data analysis results are presented clearly and systematically, with appropriate interpretation and inferences derived from the data. - A thorough understanding of the research topic is demonstrated through appropriate discussion. - Logical conclusions are drawn and well aligned with the research objectives and motivation.	0 – 25
4	Presentation of Results and Report Writing	- Project outcomes are presented effectively and clearly. - The report is well organized, clearly written, and easy to understand.	0 – 25
5	Potential for Further Development	- Innovative approaches or effective use of analytical tools are demonstrated throughout the analytical process. - Data are explored from novel perspectives, leading to unique insights or conclusions. - The analytical process or findings demonstrate potential for broader applications across different scenarios or domains.	0 – 10