Data Organization in Spreadsheets

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Abstract*: This review paper primarily focuses on the document "Data Organization in Spreadsheets" by [1], which offers a practical guide to organizing spreadsheet data effectively. Emphasizing foundational principles such as consistency, simplicity, and reproducibility, the document provides actionable advice to minimize errors, improve collaboration, and ensure data integrity. Through this analysis, the review highlights the document's strengths, including its alignment with the "tidy data" paradigm and emphasis on error prevention and reproducibility. Additionally, the review discusses limitations, such as the lack of advanced spreadsheet techniques and domain-specific examples, and suggests enhancements like incorporating case studies and introducing programming tools like R and Python for scalable workflows. This review situates the document within broader data management practices, connecting it to key works in the field, such as those by [2], [4] and [5],further enriching its context and applicability.*

Keywords: Spreadsheet management, data organization, reproducibility, data cleaning, best practices, tidy data, data validation

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