

Medium Article: Why do we need a Database to store the data when we can use spreadsheets?

Link: [Why do we need a Database to store the data when we can use spreadsheets? | by Akshita Chugh | Medium](#)

This article helped me understand why SQL and relational databases are so important compared to spreadsheets. It highlights the limitations of spreadsheets, like data inconsistency and storage constraints, and shows how databases provide better data integrity, enforce data types, and allow multiple users to work simultaneously without issues. I now see how key SQL concepts like JOIN, FOREIGN KEY, and NORMALIZATION help manage relational data efficiently. It also made me realize how databases handle large datasets better, encouraging me to explore indexing and query optimization in SQL. Overall, this article gave me a strong foundation to appreciate the role of SQL in real-world data management.