

**Links:**

<https://mode.com/blog/use-common-table-expressions-to-keep-your-sql-clean/>

<https://www.geeksforgeeks.org/cte-in-sql/>

In this article, I learned about what CTEs are and why we need them for essential data analysis. They start with a WITH command, following with an expression name and query which makes up the result set. For instance, they will go directly before a SELECT, INSERT, UPDATE, DELETE, or MERGE statement. We can also define multiple expressions within the query.

Their benefits include:

- With CTEs, we can reference the same temporary result set multiple times across the query.
- We get greater readability for collaboration and debugging.
- Helps for better visibility into commonly used result sets that are good candidates to become permanent tables/views