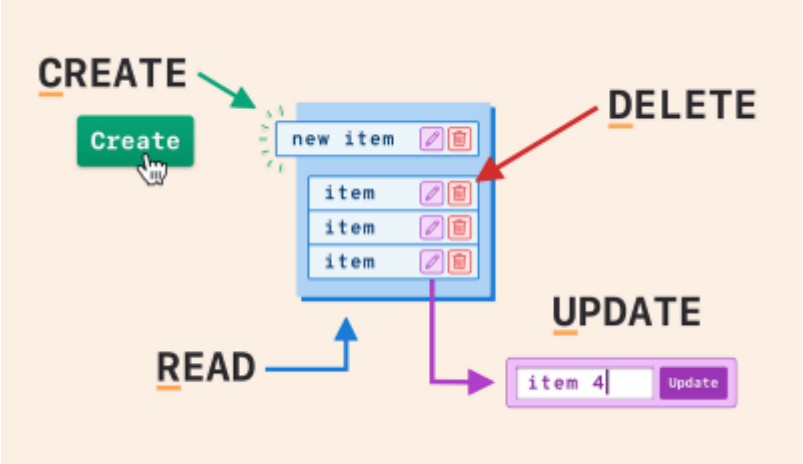
# LU03b - CRUD: The basics of Data Management

**CRUD** is an acronym that stands for **Create, Read, Update, Delete**. These are the fundamental operations performed on data within any system that manages persistent data. Think of it as the basic toolkit for interacting with information.




### Breakdown of CRUD Operations

- **Create**: This involves adding new data to the system. For example, creating a new user account, adding a product to an inventory, or posting a new blog article.
- **Read**: This operation is about retrieving data from the system. It could be fetching a list of users, displaying product details, or loading a blog post.
- **Update**: This involves modifying existing data. Changing a user's password, updating product pricing, or editing a blog post are common update operations.
- **Delete**: This is the process of removing data from the system. Deleting a user account, removing a product from the inventory, or deleting a blog post are examples.

## Vocabulary

| English | German |
|---|---|
| to perform | leistet, ausfühen |
| persistent | beständig, bleibend |
| to involve | einbeziehen |
| inventory | Lagerbestand, Vorrat |
| to retrieve | abrufen |
| to fetch | herholen, herausholen |
| to modify | verändern, modifizieren |
| common | |

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