

# 🌟 Explaining DML , DCL , DDL, TCL to 10 year old! 🧸🔒

27 July 2023 06:20 PM

→ DML, or Data Manipulation Language, is like a superpower for changing stuff in databases! 🧸🔧 Imagine you have a toy box (database) and you want to choose, add, update, or delete toys (data) inside. That's what DML does!

Using SELECT 🔍, you can become a detective and search your toy box (database) for specific toys (data) based on criteria like color, size, or type! It's like finding your favourite superhero in a sea of action figures!

Using INSERT ➕, UPDATE ✎, and DELETE ✖, you can add, modify, or remove toys from your box! It's like arranging, painting, or tossing away toys to make your collection even cooler!

→ DCL, or Data Control Language, keeps your toy box (database) safe from naughty hands! 🚫🔒 It's like having secret codes and locks to protect your precious toys (data) inside!

With GRANT 🔒 and REVOKE 🔒, you control who gets to play with the toys! Imagine giving permission or taking it away—just like sharing or hiding your favourite toys!

→ DDL, or Data Definition Language, is like having the blueprint to create your dream toy box (database)!

With CREATE 🏗 and ALTER 🛠, you can design and modify the structure of your toy box! It's like building and customizing shelves, compartments, and secret hideouts for your toys (data) to live!

→ TCL, or Transaction Control Language, is like a magical wand that lets you perform amazing feats with your toy box (database)! 🪄📄

With COMMIT ✅ and ROLLBACK ✖, you can create spells to save or undo changes in your toy box! It's like keeping track of all the fun you've had, or magically undoing a mistake! 🧸🔄