

Database Operations - Overview

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Let us get an overview of Database Operations we typically perform on regular basis. They are broadly categorized into the following:

- DDL - Data Definition Language
 - CREATE/ALTER/DROP Tables
 - CREATE/ALTER/DROP Indexes
 - Add constraints to tables
 - CREATE/ALTER/DROP Views
 - CREATE/ALTER/DROP Sequences
- DML - Data Manipulation Language
 - Inserting new data into the table
 - Updating existing data in the table
 - Deleting existing data from the table
- DQL - Data Query Language
 - Read the data from the table

On top of these we also use TCL (Transaction Control Language) which include **COMMIT** and **ROLLBACK**.

As part of this section in the subsequent topics we will primarily focus on basic DDL and DML.