

 ALTER Table Query: 'ALTER TABLE' statement is used to modify the structure of an existing table.

- Adding a column: Add a new column to an existing table.

" ALTER TABLE table-name
ADD column-name data-type [constraint];

" ALTER TABLE Employees
ADD BirthDate DATE;

- Dropping a column: To remove a column from an existing table.

" ALTER TABLE table-name
DROP COLUMN column-name;

" ALTER TABLE Employees
DROP COLUMN BirthDate;

- Modifying a Column: To change the data type of an existing table.

"
ALTER TABLE table-name
ALTER COLUMN column-name new-data-type;

"
ALTER TABLE Employees
MODIFY ~~column~~ COLUMN salary DECIMAL(10,2);

- Renaming a Column: To rename an existing column.

"
ALTER TABLE table-name
CHANGE old-column-name new-column-name data-type;

"
ALTER TABLE Employees
CHANGE BirthDate DateOfBirth DATE;

- ADDING a constraint:
- Dropping a constraint
- Adding a primary-key
- Dropping a primary key
- Adding a foreign key
- Dropping a foreign key

remove an existing column.

1-column-name new-column-name constraint;

DATE DATE OF BIRTH DATE;