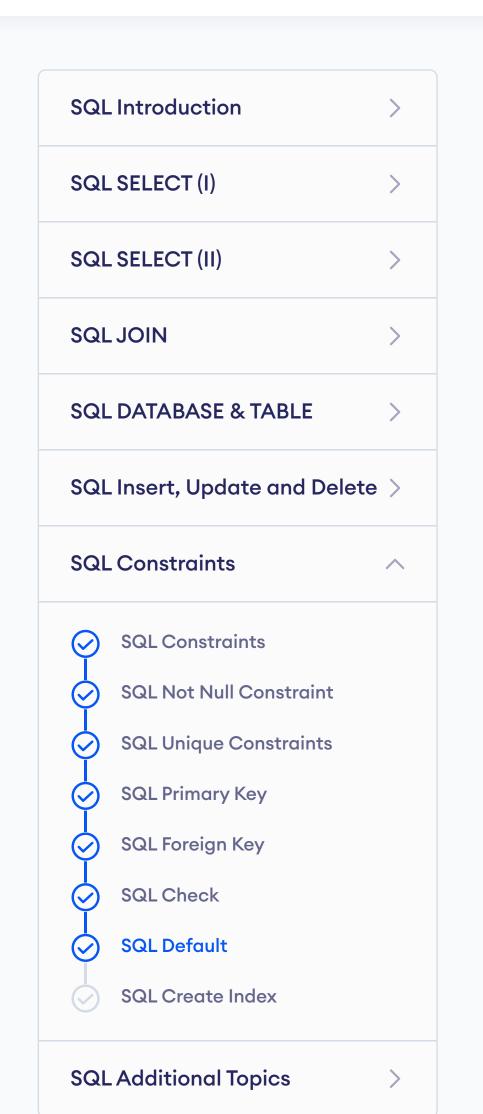
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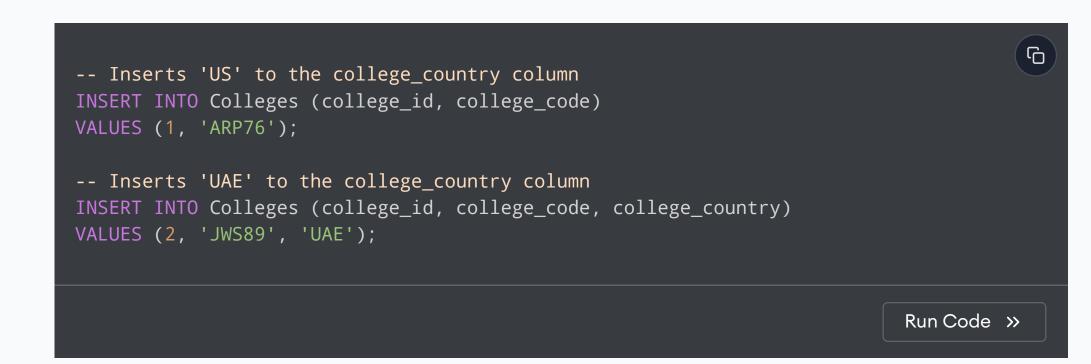
In this tutorial, we'll learn about the DEFAULT constraint in SQL and how to use them with examples.

In SQL, the DEFAULT constraint is used to set a default value if we try to insert an empty value in a column. For example,



Here, the default value of the college_country column is US.

If we try to store the <code>NULL</code> value in the <code>college_country</code> column, its value will be **US** by default. For example,



DEFAULT Constraint With Alter Table

We can also add the DEFAULT constraint to an existing column using the ALTER TABLE command. For example,

SQL Server

```
ALTER TABLE Colleges
ADD CONSTRAINT country_default
DEFAULT 'US' FOR college_country;
```

PostgreSQL

```
ALTER TABLE Colleges
ALTER COLUMN college_code SET DEFAULT 'US';

MySQL
```

-

```
ALTER TABLE Colleges
ALTER college_country SET DEFAULT 'US';
```

Oracle

```
ALTER TABLE Colleges
MODIFY college_country DEFAULT 'US';
```

Here, the default value of college_country column is set to **US** if NULL is passed during insertion.

Remove Default Constraint

We can remove the default constraint in a column using the DROP clause. For example,

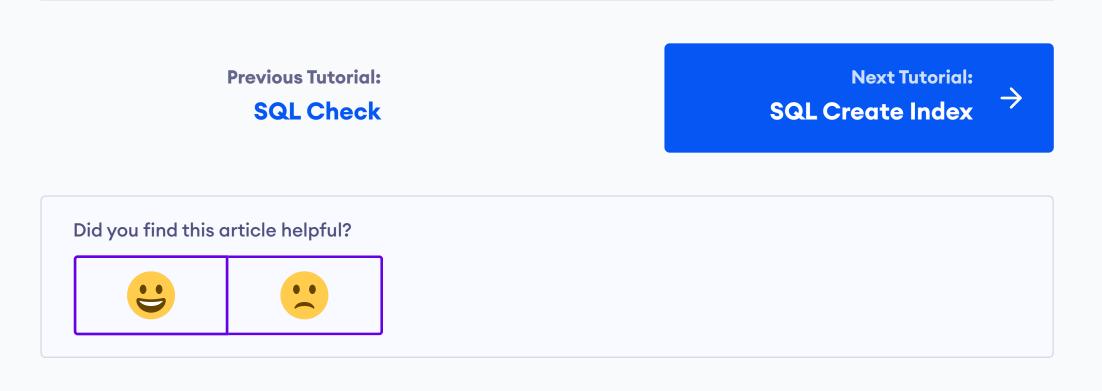
SQL Server, PostgreSQL, Oracle

```
ALTER TABLE Colleges
ALTER COLUMN college_country DROP DEFAULT;
```

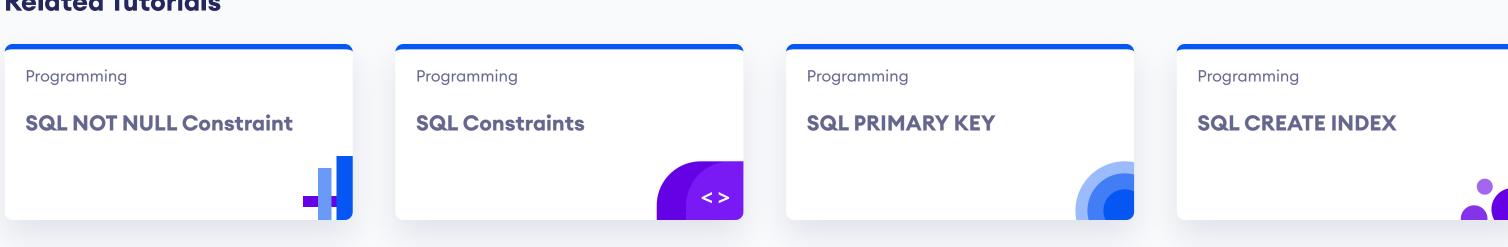
MySQL

```
ALTER TABLE Colleges
ALTER college_country DROP DEFAULT;
```

Here, the SQL command removes the DEFAULT constraint from the college_country column.



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