



# SQL

## MANAGE TABLES

## CREATE A NEW TABLE

### GENERAL SYNTAX

---

```
create table <table_name> (  
    <col_name_1> <data_type>,  
    <col_name_2> <data_type>,  
    <col_name_1> <data_type>  
);
```

## CREATE A NEW TABLE

### EXAMPLE

---

```
create table customer (  
    customer_id INTEGER,  
    first_name VARCHAR(50),  
    last_name VARCHAR(50),  
    birthdate DATE  
);
```

## CREATE A NEW TABLE

MAKE CODE MORE ROBUST

---

```
create table if not exists customer (  
    customer_id INTEGER,  
    first_name VARCHAR(50),  
    last_name VARCHAR(50),  
    birthdate DATE  
);
```

## ADD KEYS TO A TABLE

### PRIMARY KEY

---

```
alter table <table_name>  
add primary key (<col_name_pk>);
```

Example:

```
alter table customer  
add primary key (customer_id);
```

## ADD KEYS TO A TABLE

### FOREIGN KEY

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```
alter table <table_name>  
add foreign key (<col_name_fk>  
references <ref_table_name>(<col_name_pk>);
```

Example:

```
alter table order  
add foreign key (customer_id)  
references customer(customer_id);
```

## DROP A TABLE

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```
drop table customer;
```