1. The different SQL join clauses are left join, right join, outer join, and inner join. Left join joins the two tables based on the values of the left table. Right join joins the tables based on the right table values. Inner join combines the tables based on only the values that the tables have in common. Outer join combines both tables on the values regardless if the tables share common values. A left join was used to create the table below.
2. The alter command is used to change the actual structure of the tables in SQL while update changes the data that is in those tables.

Alter table\_name

Rename column department\_id

To dept\_id;

Alter table\_name

Add column annual\_salary int;

1. DDL is Data Definition Language and DML is Data Manipulation Language. DDL is used to make operations with database data structures such as schemas and tables. DML is used to manipulate data in the database.

Select vendor\_name

From table\_name

1. Use the COUNT() function to find duplicate values in a table.

Select

Yarn\_name

Count(yarn\_name)

Group by (yarn\_name)

From table\_name;

Select Count(\*)

From table\_name;

1. Select

State,

avg(duration)

From

usa\_ufo

Group by

state