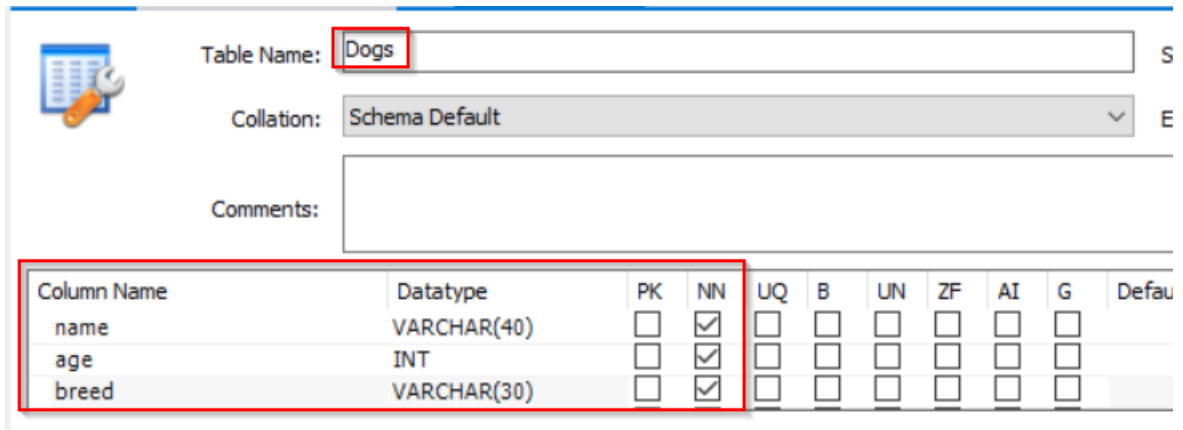


Database

1. Create a table in your remote database named “dogs” with three columns all NN (not null):

- VARCHAR (40) – **name**
- INT – **age**
- VARCHAR (30) – **breed**



The screenshot shows a database management tool interface for creating a new table. The 'Table Name' field is set to 'Dogs'. The 'Collation' is set to 'Schema Default'. The 'Comments' field is empty. Below these fields is a table defining the columns for the new table. The columns are 'name', 'age', and 'breed'. The 'name' column is of type 'VARCHAR(40)', 'age' is of type 'INT', and 'breed' is of type 'VARCHAR(30)'. All three columns have the 'NN' (Not Null) checkbox checked. The 'PK' (Primary Key) checkbox is unchecked for all columns. Other checkboxes for 'UQ', 'B', 'UN', 'ZF', 'AI', 'G', and 'Defau' are also present but unchecked.

Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Defau
name	VARCHAR(40)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
age	INT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
breed	VARCHAR(30)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

2. Insert 3 dogs with different values

```
cursor.execute("INSERT into `table`.`dogs` (name, age, breed) VALUES ('rex', 5 , 'alaskan malamute');")
cursor.execute("INSERT into `table`.`dogs` (name, age, breed) VALUES ('joey', 4 , 'Husky');")
cursor.execute("INSERT into `table`.`dogs` (name, age, breed) VALUES ('lassi', 9, 'Australian shepherd');")
```

3. Update second dog age from one value to another

```
cursor.execute("UPDATE `table`.`dogs` SET age = '10' WHERE name = 'joey'")
```

4. Delete the third dog from table

```
cursor.execute("DELETE FROM `table`.`dogs` WHERE 'name'='lassi';")
```

5. Query table and print all dogs names.

```
cursor.execute('SELECT * FROM `table`.`dogs`')
```

```
for row in cursor:
    print(row)
```