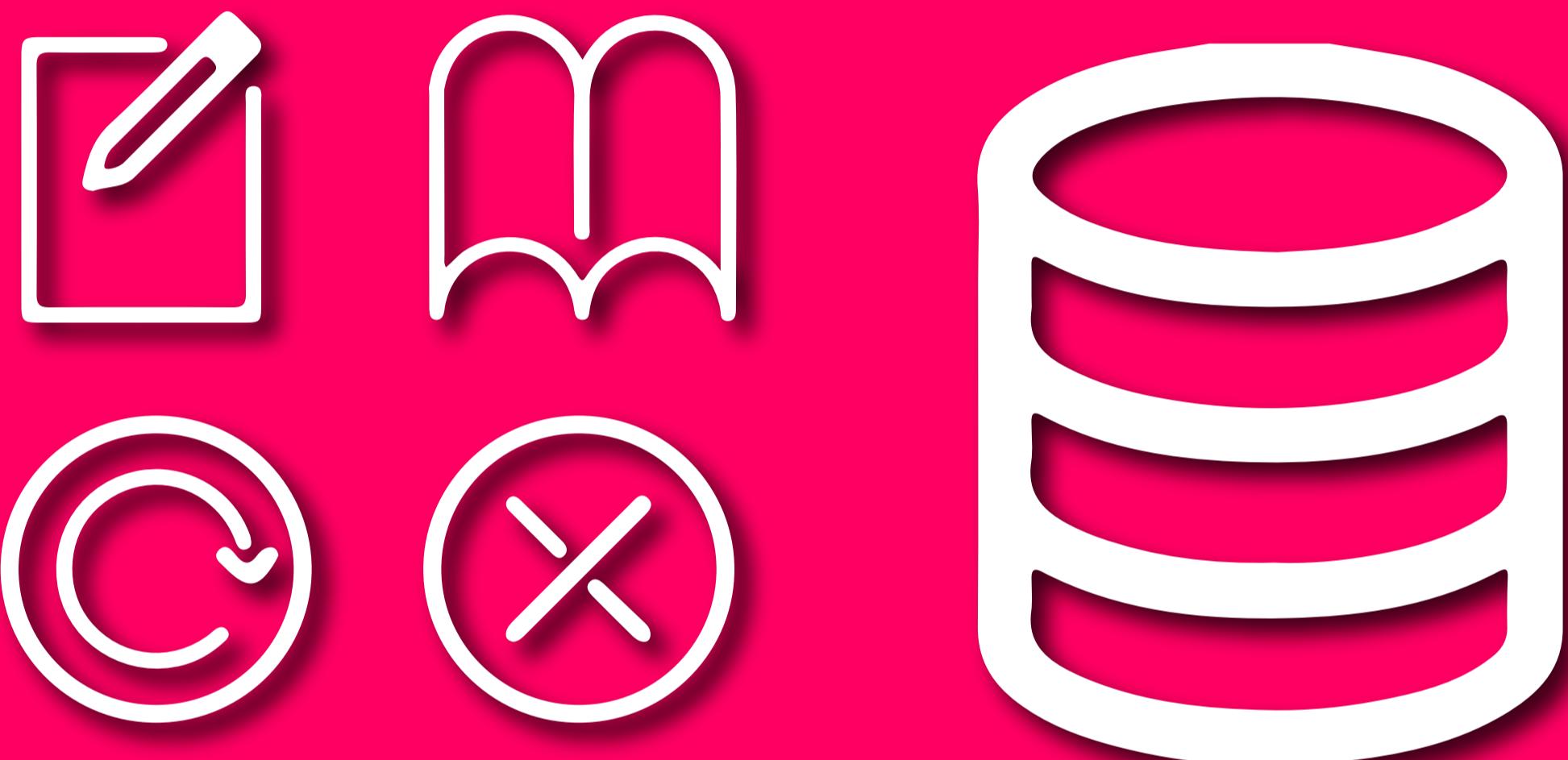




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Operaciones CRUD en SQL - Parte 1

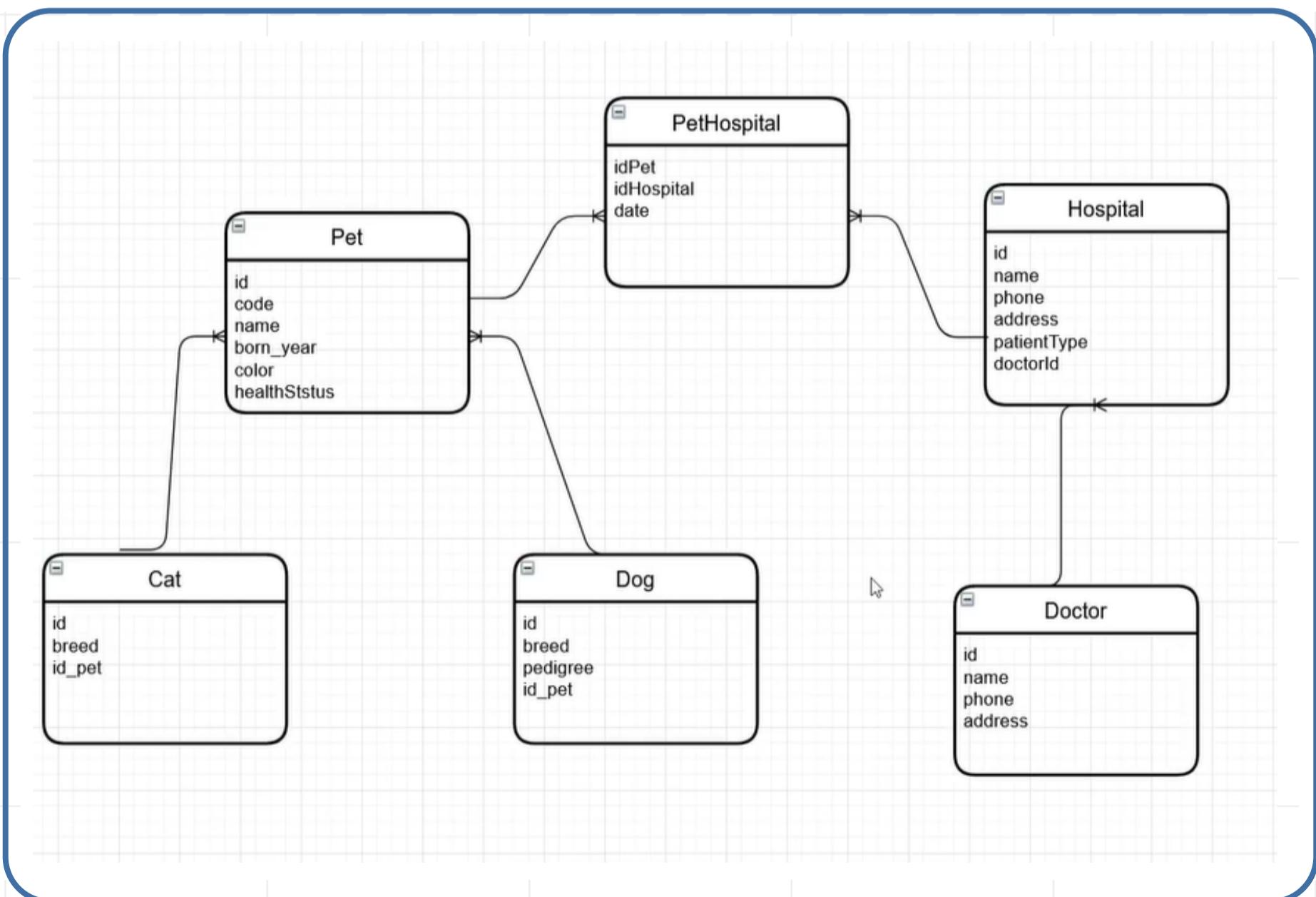


Universidad de Caldas

Hola:

Con la base de datos, las tablas construidas y sus relaciones , es momento de conocer las instrucciones propias en el lenguaje **SQL** para la inserción, la selección, la modificación y la eliminación de registros. Este conjunto de instrucciones se le conoce como **CRUD**, esto por las iniciales de las acciones en Inglés (*Create, Read, Update, Delete*).

Video de operaciones CRUD sobre la base de datos - Inserciones



The screenshot shows the phpMyAdmin interface for the database 'administracionmascotasbd'. The left sidebar lists databases and tables. The main area is the 'SQL' tab, showing a query window with the following SQL code:

```
1 INSERT INTO tb_doctor (name, phone, address) VALUES ('Jhon Smith', '8754848', 'Transv 34 N 12-34')
```

Below the query window are several buttons: 'Limpiar', 'Formato', 'Obtener consulta almacenada automáticamente', 'Enlazar parámetros', 'Guardar esta consulta en favoritos:', and checkboxes for 'Consola or ;', 'Mostrar esta consulta otra vez', 'Mantener la caja de texto con la consulta', and 'Deshacer («rollback») al finalizar'.

The screenshot shows the phpMyAdmin interface for the 'tb_doctor' table in the 'administracionmascotasbd' database. The left sidebar lists databases and tables. The main area is the 'Estructura' tab, showing the result of the previous SQL query:

Mostrando filas 0 - 0 (total de 1, La consulta tardó 0,0014 segundos.)

```
SELECT * FROM `tb_doctor`
```

Below the query results, there is a table with one row of data:

	name	phone	address
1	Jhon Smith	8754848	Transv 34 N 12-34

At the bottom of the page, there are sections for 'Operaciones sobre los resultados de la consulta' (Print, Copy to Clipboard, Export, Show graphic, Create view) and 'Guardar esta consulta en favoritos' (Label, Share).

The screenshot shows the phpMyAdmin interface for the database 'administracionmascotasbd'. The left sidebar displays the database structure with tables like tb_cat, tb_doctor, tb_dog, tb_hospital, tb_pet, and tb_pet_hospital. The 'tb_doctor' table is selected. The main area shows an SQL query window with the following code:

```
1 INSERT INTO tb_doctor (name, address, phone) VALUES('Cristina Adams', 'Diagonal 78 N 12-09', '12345678')
```

Below the query, there are several buttons and options:

- Limpiar
- Formato
- Obtener consulta almacenada automáticamente
- Enlazar parámetros
- Guardar esta consulta en favoritos: [input field]
- Consola or [input field] Mostrar esta consulta otra vez Mantener la caja de texto con la consulta Deshacer («rollback») al finalizar

The screenshot shows the phpMyAdmin interface for the database 'administracionmascotasbd'. The left sidebar displays the database structure with tables like tb_cat, tb_doctor, tb_dog, tb_hospital, tb_pet, and tb_pet_hospital. The 'tb_doctor' table is selected. The main area shows an SQL query window with the following code:

```
1 SELECT * FROM `tb_doctor`
```

On the right side, there is a preview pane showing the results of the query:

id	name	phone	address

Below the query, there are several buttons and options:

- SELECT *
- SELECT
- INSERT
- UPDATE
- DELETE
- Limpiar
- Formato
- Obtener consulta almacenada automáticamente
- Enlazar parámetros
- Guardar esta consulta en favoritos: [input field]
- Consola

The screenshot shows the phpMyAdmin interface for the 'tb_doctor' table in the 'administracionmascotasbd' database. The left sidebar shows the database structure with tables like tb_cat, tb_dog, tb_hospital, tb_pet, and tb_pet_hospital. The tb_doctor table is selected. The main area displays the SQL query: `SELECT * FROM `tb_doctor` WHERE name = 'Jhon Smith'`. To the right, a results grid shows columns: id, name, phone, and address. Below the query, there are buttons for SELECT *, SELECT, INSERT, UPDATE, DELETE, Limpiar, and Formato.

The screenshot shows the phpMyAdmin interface for the 'tb_hospital' table in the 'administracionmascotasbd' database. The left sidebar shows the database structure with tables like tb_cat, tb_dog, tb_hospital, tb_pet, and tb_pet_hospital. The tb_hospital table is selected. The main area displays the SQL query: `INSERT INTO `tb_hospital`(`name`, `phone`, `address`, `patien_type`, `id_doctor`) VALUES ('Hospital Veterinario','6897584','Calle San Juan 12-45', 1, 2)`. To the right, a results grid shows columns: id, name, phone, address, patien_type, and id_doctor. Below the query, there are buttons for SELECT *, SELECT, INSERT, UPDATE, DELETE, Limpiar, and Formato.

The screenshot shows the phpMyAdmin interface for the 'administracionmascotasbd' database. The left sidebar lists databases and tables. The 'tb_hospital' table is selected. The main area displays the results of the SQL query: 'SELECT * FROM `tb_hospital`'. The results show one row:

	id	name	phone	address	patien_type	id_doctor
	1	Hospital Veterinario	6897584	Calle San Juan 12-45	1	2

Below the results, there are sections for 'Operaciones sobre los resultados de la consulta' (Operations on the query results) and 'Guardar esta consulta en favoritos' (Save this query as a favorite). A bottom bar includes links for 'Consola' (Console), 'Imprimir' (Print), 'Copiar al portapapeles' (Copy to clipboard), 'Exportar' (Export), 'Mostrar gráfico' (Show graph), and 'Crear vista' (Create view).

Ya estamos aprendiendo cómo ejecutar instrucciones de SQL en phpmyadmin para que se refleje en la base de datos Mysql.



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The logo features the text "Mision TIC2022" in a bold, sans-serif font. The word "Mision" is in blue, "TIC" is in red, and "2022" is in blue. A red curved line starts from the top of the letter "i" in "Mision" and ends at the bottom of the letter "c" in "TIC". The background of the logo is a white circle with a gray dotted pattern, set against a dark red circular border.

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