

BASES DE DATOS

WTT

NUESTRO EQUIPO



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use vencel

```
delete from factura_compra  
where proveedor_tdoc="CE" or proveedor_tdoc="CC";  
Affected (0.002 sec)
```

```
delete from proveedor where tdoc_proveedor="CC" or tdoc_proveedor=""  
Affected (0.002 sec)
```

```
delete from persona_has_roles where persona_rol=2;  
Affected (0.003 sec)
```

```
delete from roles where cod_rol=2;  
Affected (0.002 sec)
```

```
select * from persona  
where persona="Carlos";
```

CONSTRUCCIÓN SENTENCIAS DDL

CREACIÓN DE LA BD

```
1 CREATE database wtt_v4;
2 use wtt_v4;
```



```
MariaDB [(none)]> show databases;
+-----+
| Database          |
+-----+
| bd_tw             |
| ejercicio_php    |
| ganaderia         |
| gestion_ventas   |
| information_schema|
| loquis            |
| mysql              |
| paochifiri        |
| performance_schema|
| phpmyadmin         |
| recursos_humanos  |
| right_join_wtt    |
| roles_muchos      |
| santiago           |
| santiago2          |
| sf                 |
| test               |
| vencel             |
| vencel_v5          |
| vensant            |
| wtt                |
| wtt_v4             |
+-----+
22 rows in set (0.001 sec)
```

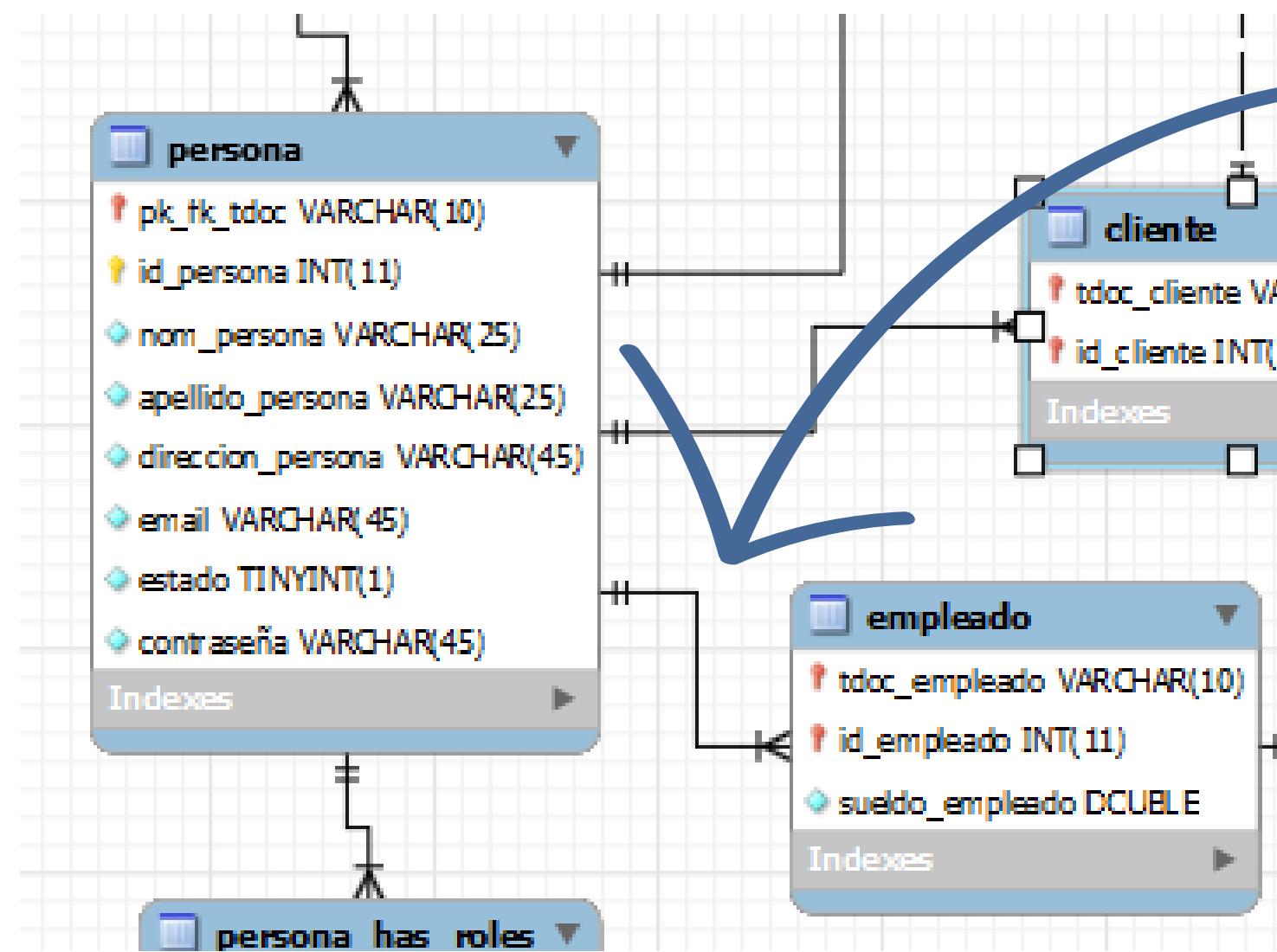
```
CREATE TABLE tipo_documento (
    tdoc VARCHAR(10) NOT NULL PRIMARY KEY,
    desc_tdoc VARCHAR(30)NOT NULL,
    estado_tdoc BOOLEAN NOT NULL
);
```

```
CREATE TABLE persona(
    pk_fk_tdoc VARCHAR(10)NOT NULL,
    id_persona int NOT NULL,
    nom_persona VARCHAR(25) NOT NULL,
    apellido_persona VARCHAR (25)NOT NULL,
    direccion_persona VARCHAR(45) NOT NULL,
    email VARCHAR(45) NOT NULL,
    estado TINYINT(1) NOT NULL,
    contraseña VARCHAR(45) NOT NULL,
    PRIMARY KEY (pk_fk_tdoc, id_persona)
```

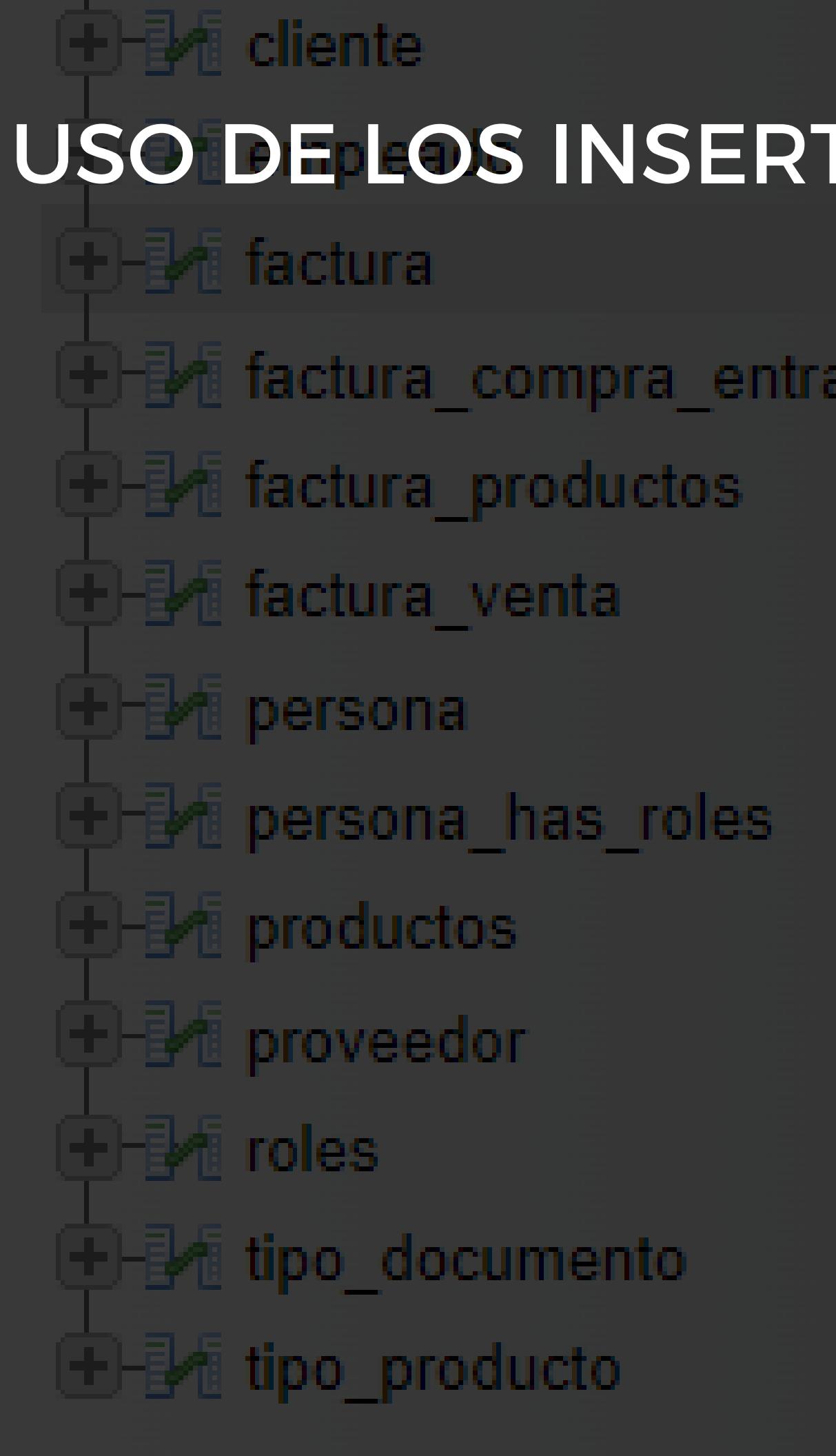
CREACIÓN DE LAS TABLAS

```
MariaDB [wtt_v4]> explain persona;
+-----+-----+-----+-----+-----+
| Field          | Type   | Null | Key  | Default | Extra |
+-----+-----+-----+-----+-----+
| pk_fk_tdoc     | varchar(10) | NO   | PRI  | NULL    |
| id_persona     | int(11)    | NO   | PRI  | NULL    |
| nom_persona    | varchar(25) | NO   |       | NULL    |
| apellido_persona | varchar(25) | NO   |       | NULL    |
| direccion_persona | varchar(45) | NO   |       | NULL    |
| email          | varchar(45) | NO   |       | NULL    |
| estado          | tinyint(1)  | NO   |       | NULL    |
| contraseña      | varchar(45) | NO   |       | NULL    |
+-----+-----+-----+-----+-----+
8 rows in set (0.302 sec)
```

CREACIÓN DE LAS RELACIONES



```
242 -- Relación entre proveedor y persona
243 ALTER TABLE proveedor
244
245 ADD FOREIGN KEY (tdoc_proveedor, id_proveedor)
246 REFERENCES persona(pk_fk_tdoc, id_persona);
247
248
249 -- Relación entre empleado y persona
250 ALTER TABLE empleado
251
252 ADD FOREIGN KEY (tdoc_empleado, id_empleado)
253 REFERENCES persona(pk_fk_tdoc, id_persona);
254
255
256 -- Relación entre cliente y persona
257 ALTER TABLE cliente
258
259 ADD FOREIGN KEY (tdoc_cliente, id_cliente)
260 REFERENCES persona(pk_fk_tdoc, id_persona);
261
262
263 -- Relación entre factura_compra y proveedor
264 ALTER TABLE factura_compra
265
266 ADD FOREIGN KEY (proveedor_tdoc, proveedor_id)
267 REFERENCES proveedor(tdoc_proveedor, id_proveedor);
268
269
270
271
272
```



```
INSERT INTO `factura` (`n_factura`, `fecha_factura`, `subtotal`, `iva`, `total_factura`) VALUES  
(11, '2023-08-31', 53000, 10070, 63070),  
(12, '2023-09-01', 75000, 14250, 89250),  
(13, '2023-09-02', 1850000, 351500, 2201500),  
(14, '2023-09-03', 22800, 4332, 27132),  
(15, '2023-09-04', 616000, 117040, 733040),  
(16, '2023-09-05', 40000, 7600, 47600),  
(17, '2023-09-06', 56500, 10735, 67235),  
(18, '2023-09-07', 42500, 8075, 50575),  
(19, '2023-09-08', 2125000, 404750, 2539750),  
(20, '2023-09-09', 2600000, 494000, 3094000);
```



n_factura	fecha_factura	subtotal	iva	total_factura
11	2023-08-31	53000	10070	63070
12	2023-09-01	75000	14250	89250
13	2023-09-02	1850000	351500	2201500
14	2023-09-03	22800	4332	27132
15	2023-09-04	616000	117040	733040
16	2023-09-05	40000	7600	47600
17	2023-09-06	56500	10735	67235
18	2023-09-07	42500	8075	50575
19	2023-09-08	2125000	404750	2539750
20	2023-09-09	2600000	494000	3094000

```
MariaDB [(none)]> use vencel
Database changed
MariaDB [vencel]> delete from factura_compra
-> where proveedor_tdoc="CE" or proveedor_tdoc="CC";
Query OK, 4 rows affected (0.002 sec)
```

```
MariaDB [vencel]> delete from proveedor where tdoc_proveedor="CC"
;
Query OK, 4 rows affected (0.002 sec)
```

```
MariaDB [vencel]> delete from persona_has_roles where persona_rol=
Query OK, 4 rows affected (0.003 sec)
```

```
MariaDB [vencel]> delete from roles where cod_rol=2;
Query OK, 1 row affected (0.002 sec)
```

```
MariaDB [vencel]> select * from persona
-> where nom_persona="Carlos";
```

**CONSTRUCCIÓN
SENTENCIAS DML**

USO DE LOS SELECT

tdoc_cliente	id_cliente
CC	1
CC	2
CE	4
DNI	10
NIT	3
NUIP	9
PA	5
PEP	8

```
SELECT apellido_persona, nom_persona  
FROM persona WHERE 1
```

```
SELECT tdoc_cliente, id_cliente  
FROM cliente WHERE 1
```

apellido_persona	nom_persona
Pérez	Juan
Gómez	María
López	Javier
Díaz	Alejandro
Proveedor	Empresas S.A.
Hernández	Andrea
Martínez	Ana
Ramírez	David
Sánchez	Laura
Rodríguez	Carlos

USO DE LOS JOINS

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed ac nunc non turpis efficitur sagittis. Fusce non nunc id arcu commodo auctor in non lectus. Ut eu eleifend purus. Nulla nisi velit, blandit at molestie non, ultricies id massa. Sed lacinia ante ac sem egestas mollis. Ut consequat, nunc ut mattis facilis.

LIKE, WHERE, RIGHT,
LEFT, DELETE, UPDATE
, ORDER BY, DESC,
LIMIT .



GRACIAS