

## Table of contents

1 Ciudad	Page number: 2
2 Cliente	Page number: 3
3 Departamento	Page number: 4
4 Descuento	Page number: 5
5 Factura	Page number: 6
6 Iva	Page number: 7
7 Maquina	Page number: 8
8 Pago	Page number: 9
9 PagoTipoPago	Page number: 10
10 Producto	Page number: 11
11 ProductoDescuento	Page number: 12
12 ProductoFactura	Page number: 13
13 Tienda	Page number: 14
14 TipoPago	Page number: 15
15 TipoProducto	Page number: 16
16 Relational schema	Page number: 17

# 1 Ciudad

Creation: Aug 15, 2022 at 06:01 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
idCiudad	int(11)		No		auto_increment			
Descripcion	varchar(50)		No					
idDepartamento	int(11)		No			-> Departamento.idDepartamento ON UPDATE RESTRICT ON DELETE RESTRICT		

## 2 Cliente

Creation: Aug 15, 2022 at 06:01 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
idCliente	varchar(50)		No					
Nombre	varchar(50)		No					
Nombre2	varchar(50)		No					
Apellido	varchar(50)		No					
Apellido2	varchar(50)		No					
Telefono	varchar(50)		No					
Correo	varchar(100) )		No					
Direccion	varchar(100) )		No					
FechaNacimiento	datetime		No					

### 3 Departamento

Creation: Aug 15, 2022 at 06:01 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
idDepartamento	int(11)		No		auto_increment			
descripcion	varchar(50)		No					
NumeroHabitantes	varchar(10)		No					

## 4 Descuento

Creation: Aug 15, 2022 at 06:01 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
idDescuento	int(11)		No		auto_increment			
Descripcion	varchar(50)		No					
Porcentaje	int(11)		No					

## 5 Factura

Creation: Aug 15, 2022 at 06:01 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
idFactura	int(11)		No		auto_increment	-> Pago.idPago ON UPDATE RESTRICT ON DELETE RESTRICT		
FechaCreacion	datetime		No	CURRENT_TIMESTAMP				
Total	int(11)		No					
idCliente	varchar(50)		No			-> Cliente.idCliente ON UPDATE RESTRICT ON DELETE RESTRICT		
idMaquina	int(11)		No			-> Maquina.idMaquina ON UPDATE RESTRICT ON DELETE RESTRICT		

## 6 Iva

Creation: Aug 15, 2022 at 06:01 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
idIva	int(11)		No					
Descripcion	varchar(100)		No					
Porcentaje	int(11)		No					

## 7 Maquina

Creation: Aug 15, 2022 at 06:01 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
idMaquina	int(11)		No		auto_increment			
Descripcion	varchar(50)		No					
idTienda	int(11)		No			-> Tienda.idTienda ON UPDATE RESTRICT ON DELETE RESTRICT		



## 8 Pago

Creation: Aug 15, 2022 at 06:01 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
idPago	int(11)		No					
fechaCreacion	datetime		No	CURRENT_TIMESTAMP				
Total	int(11)		No					

## 9 PagoTipoPago

Creation: Aug 15, 2022 at 06:01 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
idPago	int(11)		No			-> Pago.idPago ON UPDATE RESTRICT ON DELETE RESTRICT		
idTipoPago	int(11)		No			-> TipoPago.idTipoPago ON UPDATE RESTRICT ON DELETE RESTRICT		
Total	int(11)		No					
NumeroCuotas	int(11)		No					

# 10 Producto

Creation: Aug 15, 2022 at 06:01 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
idProducto	int(11)		No					
Descripcion	varchar(100)		No					
Peso	int(11)		No					
Cantidad	int(11)		No					
Medida	int(11)		No					
precio	int(11)		No					
fechaCaduca	datetime		No					
idTipoProducto	int(11)		No			-> TipoProducto.idTipoProducto ON UPDATE RESTRICT ON DELETE RESTRICT		
idIva	int(11)		No			-> Iva.idIva ON UPDATE RESTRICT ON DELETE RESTRICT		

## 11 ProductoDescuento

Creation: Aug 15, 2022 at 06:02 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
idDescuento	int(11)		No			-> Descuento.idDescuento ON UPDATE RESTRICT ON DELETE RESTRICT		
idProducto	int(11)		No			-> Producto.idProducto ON UPDATE RESTRICT ON DELETE RESTRICT		
fechaCreacion	datetime		No	CURRENT_TIMESTAMP				
fechaFinalizacion	datetime		Yes	NULL	on update CURRENT_TIMESTAMP			

## 12 ProductoFactura

Creation: Aug 15, 2022 at 06:01 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
idFactura	int(11)		No			-> Factura.idFactura ON UPDATE RESTRICT ON DELETE RESTRICT		
idProducto	int(11)		No			-> Producto.idProducto ON UPDATE RESTRICT ON DELETE RESTRICT		
Cantidad	int(11)		No					
Precio	int(11)		No					
SubTotal	int(11)		No					
Descuento	int(11)		No					
Iva	int(11)		No					

## 13 Tienda

Creation: Aug 15, 2022 at 06:01 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
idTienda	int(11)		No		auto_increment			
Descripcion	varchar(50)		No					
Direccion	varchar(50)		No					
Correo	varchar(50)		No					
Telefono	varchar(50)		No					
idCiudad	int(11)		No			-> Ciudad.idCiudad ON UPDATE RESTRICT ON DELETE RESTRICT		

## 14 TipoPago

Creation: Aug 15, 2022 at 06:01 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
idTipoPago	int(11)		No					
Descripcion	varchar(100)		No					

## 15 TipoProducto

Creation: Aug 15, 2022 at 06:01 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
idTipoProducto	int(11)		No					
Descripcion	varchar(100)		No					



