
Diagram Report

SistemaInsumos1.1.dm1

Version 1.0

CRDevelopment
Facundo
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Diagram Summary Report

Name	Author	Description
SistemaInsumos1.1.dm1	Facundo	

Diagram Detail Reports

SistemaInsumos1.1.dm1

Diagram Name	SistemaInsumos1.1.dm1
Description	
Author	Facundo
Company	CRDevelopment
Version	1.0
Copyright	CRDevelopment
Copyright Year	

[Bound Attachments](#)

Name	Current Value
------	---------------

Model Summary Report

Name	DatabasePlatform
Logical	Logical
SVICMySQL	MySQL 5.x

Model Detail Reports

Logical

Model Name Logical
Database Logical
Platform
Model Notation Physical

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Submodel Summary Report

Name	DatabasePlatform
Main Model	Logical

Submodel Detail Reports

Main Model

SubModel	Main Model
Name	
Database	Logical
Platform	
Parent	
SubModel	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Entity Summary Report

Entity Name	Entity Type	Primary Keys	# Attr
Cientes	Dependent	IdCliente	2
Compras	Dependent	IdCompra,IdProveedor,IdEmpleado	4
ComprasProductos	Dependent	IdCompra,IdProducto,IdRubro,IdProveedor,IdEmpleado	7
Empleados	Dependent	IdEmpleado	5
Personas	Independent	IdPersona	3
PersonasFisicas	Dependent	IdPersonaFisica	3
Productos	Dependent	IdProducto,IdRubro	5
Proveedores	Dependent	IdProveedor	2
Roles	Independent	IdRol	3
Rubros	Independent	IdRubro	3
Ventas	Dependent	IdVenta,IdCliente,IdEmpleado	4
VentasProductos	Dependent	IdVenta,IdProducto,IdRubro,IdCliente,IdEmpleado	8

Entity Detail Reports

Cientes

Entity Name	Cientes
Owner Name	
Logical Only	NO
Entity Type	Dependent, Subtype
Primary Keys	IdCliente
Definition	Tabla que almacena en el sistema los clientes de la tienda que vende insumos de computación.
Notes	Tabla que almacena en el sistema los clientes de la tienda que vende insumos de computación.

Object Permission

User/Role Name	Grantee Type	Permission Type	Action Type	Is Action Extended	Is System
----------------	--------------	-----------------	-------------	--------------------	-----------

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used - Model Usage

Model	Logical Entity Name	Denormalization Mappings
Logical	Cientes	
SVICMySQL (MySQL)	Cientes	

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
SVICMySQL (MySQL)	Main Model

User-Defined Mappings

Model	Name	Description
-------	------	-------------

Keys

Key Name	Key Type	Keys
PK7	PrimaryKey	IdCliente
UI_Email	Alternate Key	Email

Attributes

Attribute/Logical Rolename	Domain	Datatype	Null	Definition
IdCliente		INTEGER	N	Clave primaria de la Tabla Personas (1/1).
Email		VARCHAR(120)	N	correo electronico del cliente. Único.

Defaults, Rules and Check Constraints

Attribute	Type	Name	Restriction
-----------	------	------	-------------

Relationships

Parent Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype
PersonasFisicas	Identifying	One to Zero or One				IdCliente	YES

Child Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Subtype
Ventas	Identifying	One To Zero or More					NO

IdCliente

Attribute Name	IdPersona	Entity Name	Clientes
Column Name	IdCliente		
Logical Role Name	IdCliente		
Role Name	IdCliente		
Logical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Entity	PersonasFisicas

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdCliente	Clientes	INTEGER
SVICMySQL (MySQL)	IdCliente	Clientes	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
-------	------	-------------	----------	-------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla Personas (1/1).

Note

Clave primaria de la Tabla Personas (1/1).

Logical Column Properties

Data Type	INTEGER	Width	Scale
-----------	---------	-------	-------

Nullable	NO
Identity	NO

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Email

Attribute Name	Email	Entity Name	Clientes
Column Name	Email		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	Email	Clientes	VARCHAR
SVICMySql (MySQL)	Email	Clientes	VARCHAR

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
-------	------	-------------	----------	-------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

correo electronico del cliente. Único.
--

Note

correo electronico del cliente. Único.
--

Logical Column Properties

Data Type	VARCHAR(120)	Width	120	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Compras

Entity Name	Compras
Owner Name	
Logical Only	NO
Entity Type	Dependent
Primary Keys	IdCompra,IdProveedor,IdEmpleado
Definition	Tabla que almacena en el sistema las compras realizadas por los empleados a los proveedores.
Notes	Tabla que almacena en el sistema las compras realizadas por los empleados a los proveedores.

Object Permission

User/Role Name	Grantee Type	Permission Type	Action Type	Is Action Extended	Is System
----------------	--------------	-----------------	-------------	--------------------	-----------

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used - Model Usage

Model	Logical Entity Name	Denormalization Mappings
Logical	Compras	
SVICMySQL (MySQL)	Compras	

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
SVICMySQL (MySQL)	Main Model

User-Defined Mappings

Model	Name	Description
-------	------	-------------

Keys

Key Name	Key Type	Keys
PK8	PrimaryKey	IdCompra, IdProveedor, IdEmpleado
UI_IdCompra	Alternate Key	IdCompra
IX_FechaCompra	Inversion Entry	FechaCompra

Attributes

Attribute/Logical Rolename	Domain	Datatype	Null	Definition
IdCompra		BIGINT	ID	Clave primaria de la Tabla Compras (1/3).
IdProveedor		INTEGER	N	Clave primaria de la Tabla Personas (1/1).
IdEmpleado		INTEGER	N	Clave primaria de la Tabla Personas (1/1).
FechaCompra		DATETIME	N	fecha en la cual un empleado compra productos a un proveedor.

Defaults, Rules and Check Constraints

Attribute	Type	Name	Restriction
-----------	------	------	-------------

Relationships

Parent Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype
Proveedores	Identifying	One To Zero or More				IdProveedor	NO
Empleados	Identifying	One To Zero or More				IdEmpleado	NO

Child Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Subtype
ComprasProductos	Identifying	One To Zero or More					NO

IdCompra

Attribute Name	IdCompra	Entity Name	Compras
Column Name	IdCompra		
Logical Role Name			
Role Name			
Logical Only	NO		

Domain		
Primary Key	YES	
Foreign Key	NO	Parent Entity

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdCompra	Compras	BIGINT
SVICMySQL (MySQL)	IdCompra	Compras	BIGINT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla Compras (1/3).

Note

Clave primaria de la Tabla Compras (1/3).

Logical Column Properties

Data Type	BIGINT	Width	Scale
Nullable	NO		
Identity	YES		

Domain Restrictions

Check Constraint	
Check Constraint	
Name	
Bound Rule	
Declared Default	
Bound Default	
Reference Value	

IdProveedor

Attribute Name	IdPersona	Entity Name	Compras
Column Name	IdProveedor		
Logical Role Name	IdProveedor		
Role Name	IdProveedor		
Logical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Entity	Proveedores

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdProveedor	Compras	INTEGER
SVICMySQL (MySQL)	IdProveedor	Compras	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
--------------	-------------	--------------------	-----------------	--------------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla Personas (1/1).

Note

Clave primaria de la Tabla Personas (1/1).

Logical Column Properties

Data Type		Width	Scale
Nullable	INTEGER		
	NO		
Identity	NO		

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

IdEmpleado

Attribute Name	IdPersona	Entity Name	Compras
Column Name	IdEmpleado		
Logical Role Name	IdEmpleado		
Role Name	IdEmpleado		
Logical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdEmpleado	Compras	INTEGER
SVICMySQL (MySQL)	IdEmpleado	Compras	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
-------	------	-------------	----------	-------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla Personas (1/1).

Note

Clave primaria de la Tabla Personas (1/1).

Logical Column Properties

Data Type		Width	Scale
Nullable	INTEGER		
	NO		
Identity	NO		

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

FechaCompra

Attribute Name	FechaCompra	Entity Name	Compras
Column Name	FechaCompra		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	FechaCompra	Compras	DATETIME
SVICMySQL (MySQL)	FechaCompra	Compras	DATETIME

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
--------------	-------------	--------------------	-----------------	--------------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

fecha en la cual un empleado	compra	productos a un proveedor.
------------------------------	--------	---------------------------

Note

fecha en la cual un empleado	compra	productos a un proveedor.
------------------------------	--------	---------------------------

Logical Column Properties

Data Type		Width	Scale
Nullable	DATETIME		
Identity	NO		
	NO		

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

ComprasProductos

Entity Name	ComprasProductos
Owner Name	
Logical Only	NO
Entity Type	Dependent
Primary Keys	IdCompra,IdProducto,IdRubro,IdProveedor,IdEmpleado
Definition	Tabla que almacena en el sistema los productos que se adquirieron en una compra .
Notes	Tabla que almacena en el sistema los productos que se adquirieron en una compra .

Object Permission

User/Role Name	Grantee Type	Permission Type	Action Type	Is Action Extended	Is System
----------------	--------------	-----------------	-------------	--------------------	-----------

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used - Model Usage

Model	Logical Entity Name	Denormalization Mappings
Logical	ComprasProductos	
SVICMySQL (MySQL)	ComprasProductos	

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
SVICMySQL (MySQL)	Main Model

User-Defined Mappings

Model	Name	Description
-------	------	-------------

Keys

Key Name	Key Type	Keys
PK14	PrimaryKey	IdCompra, IdProducto, IdRubro, IdProveedor, IdEmpleado

Attributes

Attribute/Logical Rolename	Domain	Datatype	Null	Definition
IdCompra		BIGINT	N	Clave primaria de la Tabla Compras (1/3). Clave primaria de la Tabla ComprasProductos (1/5).
IdProducto		INTEGER	N	Clave primaria de la Tabla Productos (1/2).Clave primaria de la Tabla ComprasProductos (2/5).
IdRubro		TINYINT	N	Clave primaria de la Tabla Rubros (1/1). Clave primaria de la Tabla Productos (2/2).Clave primaria de la Tabla ComprasProductos (5/5).
IdProveedor		INTEGER	N	Clave primaria de la Tabla Personas (1/1).
IdEmpleado		INTEGER	N	Clave primaria de la Tabla Personas (1/1).
PrecioCompra		DECIMAL(12, 2)	N	precio unitario del producto cuando se llevó a cabo la compra.
CantidadCompra		SMALLINT	N	cantidad de un producto comprada.

Defaults, Rules and Check Constraints

Attribute	Type	Name	Restriction
-----------	------	------	-------------

Relationships

Parent Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype
Compras	Identifying	One To Zero or				IdCompra,	NO

		More			IdProveedor, IdEmpleado, IdProducto, IdRubro	
Productos	Identifying	One To Zero or More				NO

Child Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Subtype
-------------	------	-------------	---------------	-------------	----------------	--------------	------------

IdCompra

Attribute Name	IdCompra	Entity Name	ComprasProductos
Column Name	IdCompra		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Entity	Compras

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdCompra	ComprasProductos	BIGINT
SVICMySQL (MySQL)	IdCompra	ComprasProductos	BIGINT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
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Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
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Definition

Clave primaria de la Tabla Compras (1/3). Clave primaria de la Tabla ComprasProductos (1/5).

Note

Clave primaria de la Tabla Compras (1/3). Clave primaria de la Tabla ComprasProductos (1/5).

Logical Column Properties

Data Type		Width	Scale
Nullable	BIGINT		
Identity	NO		
	NO		

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

IdProducto

Attribute Name	IdProducto	Entity Name	ComprasProductos
Column Name	IdProducto		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdProducto	ComprasProductos	INTEGER
SVICMySQL (MySQL)	IdProducto	ComprasProductos	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
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Definition

Clave primaria de la Tabla Productos (1/2).Clave primaria de la Tabla ComprasProductos (2/5).

Note

Clave primaria de la Tabla Productos (1/2).Clave primaria de la Tabla ComprasProductos (2/5).

Logical Column Properties

Data Type	INTEGER	Width	Scale
Nullable	NO		
Identity	NO		

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

IdRubro

Attribute Name	IdRubro	Entity Name	ComprasProductos
Column Name	IdRubro		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdRubro	ComprasProductos	TINYINT
SVICMySQL (MySQL)	IdRubro	ComprasProductos	TINYINT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
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Definition

Clave primaria de la Tabla Rubros (1/1). Clave primaria de la Tabla Productos (2/2).Clave primaria de la Tabla ComprasProductos (5/5).

Note

Clave primaria de la Tabla Rubros (1/1). Clave primaria de la Tabla Productos (2/2).Clave primaria de la Tabla ComprasProductos (5/5).

Logical Column Properties

Data Type		Width	Scale
Nullable	TINYINT		
Identity	NO		
	NO		

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

IdProveedor

Attribute Name	IdPersona	Entity Name	ComprasProductos
Column Name	IdProveedor		
Logical Role Name	IdProveedor		
Role Name	IdProveedor		
Logical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Entity	Compras

Security Properties

Name	Current Value
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Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdProveedor	ComprasProductos	INTEGER
SVICMySQL (MySQL)	IdProveedor	ComprasProductos	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
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Definition

Clave primaria de la Tabla Personas (1/1).

Note

Clave primaria de la Tabla Personas (1/1).

Logical Column Properties

Data Type		Width	Scale
Nullable	INTEGER		
	NO		
Identity	NO		

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

IdEmpleado

Attribute Name	IdPersona	Entity Name	ComprasProductos
Column Name	IdEmpleado		
Logical Role Name	IdEmpleado		
Role Name	IdEmpleado		
Logical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Entity	Compras

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdEmpleado	ComprasProductos	INTEGER
SVICMySQL (MySQL)	IdEmpleado	ComprasProductos	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
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Definition

Clave primaria de la Tabla Personas (1/1).

Note

Clave primaria de la Tabla Personas (1/1).

Logical Column Properties

Data Type		Width	Scale
Nullable	INTEGER		
Identity	NO		
	NO		

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

PrecioCompra

Attribute Name	PrecioCompra	Entity Name	ComprasProductos
Column Name	PrecioCompra		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	PrecioCompra	ComprasProductos	DECIMAL
SVICMySQL (MySQL)	PrecioCompra	ComprasProductos	DECIMAL

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
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Definition

precio unitario del producto cuando se llevó a cabo la compra.

Note

precio unitario del producto cuando se llevó a cabo la compra.

Logical Column Properties

Data Type	DECIMAL(12, 2)	Width	12	Scale	2
Nullable	NO				
Identity	NO				

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

CantidadCompra

Attribute Name	CantidadCompra	Entity Name	ComprasProductos
Column Name	CantidadCompra		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	CantidadCompra	ComprasProductos	SMALLINT
SVICMySQL (MySQL)	CantidadCompra	ComprasProductos	SMALLINT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

cantidad	de un producto comprada.
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Note

cantidad	de un producto comprada.
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Logical Column Properties

Data Type	SMALLINT	Width	Scale
Nullable	NO		
Identity	NO		

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Empleados

Entity Name	Empleados
Owner Name	
Logical Only	NO
Entity Type	Dependent, Subtype
Primary Keys	IdEmpleado
Definition	Tabla que almacena en el sistema los empleados de la tienda que vende insumos de computación.
Notes	Tabla que almacena en el sistema los empleados de la tienda que vende insumos de computación.

Object Permission

User/Role Name	Grantee Type	Permission Type	Action Type	Is Action Extended	Is System
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Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
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Where Used - Model Usage

Model	Logical Entity Name	Denormalization Mappings
Logical	Empleados	
SVICMySQL (MySQL)	Empleados	

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
SVICMySQL (MySQL)	Main Model

User-Defined Mappings

Model	Name	Description
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Keys

Key Name	Key Type	Keys
PK4	PrimaryKey	IdEmpleado
UI_Usuario	Alternate Key	Usuario

Attributes

Attribute/Logical Rolename	Domain	Datatype	Null	Definition
IdEmpleado		INTEGER	N	Clave primaria de la Tabla Personas (1/1).
IdRol		TINYINT	N	Clave primaria de la Tabla Roles (1/1).
Usuario		VARCHAR(30)	N	nombre de usuario del empleado. Único.
Contraseña		CHAR(32)	N	contraseña del usuario del empleado codificada en MD5.
FechaIngreso		DATETIME	N	Fecha de ingreso del empleado.

Defaults, Rules and Check Constraints

Attribute	Type	Name	Restriction
Relationships			

Parent Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype
Roles	Non-Identifying	One To Zero or More				IdRol	NO
Personas Fisicas	Identifying	One to Zero or One				IdEmpleado	YES

Child Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Subtype
Compras	Identifying	One To Zero or More					NO
Ventas	Identifying	One To Zero or More					NO

IdEmpleado

Attribute Name	IdPersona	Entity Name	Empleados
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Column Name	IdEmpleado	Parent Entity
Logical Role Name	IdEmpleado	
Role Name	IdEmpleado	
Logical Only Domain	NO	
Primary Key	YES	
Foreign Key	YES	

Security Properties

Name	Current Value
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Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdEmpleado	Empleados	INTEGER
SVICMySQL (MySQL)	IdEmpleado	Empleados	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Definition

Clave primaria de la Tabla Personas (1/1).

Note

Clave primaria de la Tabla Personas (1/1).

Logical Column Properties

Data Type	INTEGER	Width	Scale
Nullable	NO		
Identity	NO		

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

IdRol

Attribute Name	IdRol	Entity Name	Empleados
Column Name	IdRol		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	YES	Parent Entity	Roles

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdRol	Empleados	TINYINT
SVICMySql (MySQL)	IdRol	Empleados	TINYINT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla Roles (1/1).

Note

Clave primaria de la Tabla Roles (1/1).

Logical Column Properties

Data Type		Width	Scale
Nullable	TINYINT		
Identity	NO		
	NO		

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Usuario

Attribute Name	Usuario	Entity Name	Empleados
Column Name	Usuario		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
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Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	Usuario	Empleados	VARCHAR
SVICMySQL (MySQL)	Usuario	Empleados	VARCHAR

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

nombre de usuario del empleado. Único.

Note

nombre de usuario del empleado. Único.

Logical Column Properties

Data Type	VARCHAR(30)	Width	30	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Contraseña

Attribute Name	Contraseña	Entity Name	Empleados
Column Name	Contraseña		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	Contraseña	Empleados	CHAR
SVICMySql (MySQL)	Contraseña	Empleados	CHAR

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

contraseña del usuario del empleado codificada en MD5.

Note

contraseña del usuario del empleado codificada en MD5.

Logical Column Properties

Data Type	CHAR(32)	Width	32	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

FechaIngreso

Attribute Name	FechaIngreso	Entity Name	Empleados
Column Name	FechaIngreso		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	FechaIngreso	Empleados	DATETIME
SVICMySQL (MySQL)	FechaIngreso	Empleados	DATETIME

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Fecha de ingreso del empleado.

Note

Fecha de ingreso del empleado.

Logical Column Properties

Data Type		Width	Scale
Nullable	DATETIME		
Identity	NO		
	NO		

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Personas

Entity Name	Personas
Owner Name	
Logical Only	NO
Entity Type	Independent, Supertype
Primary Keys	IdPersona
Definition	Tabla que almacena las personas participantes del sistema.
Notes	Tabla que almacena las personas participantes del sistema.

Object Permission

User/Role Name	Grantee Type	Permission Type	Action Type	Is Action Extended	Is System
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Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used - Model Usage

Model	Logical Entity Name	Denormalization Mappings
Logical	Personas	
SVICMySQL (MySQL)	Personas	

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
SVICMySQL (MySQL)	Main Model

User-Defined Mappings

Model	Name	Description
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Keys

Key Name	Key Type	Keys
PK2	PrimaryKey	IdPersona

Attributes

Attribute/Logical	Domain	Datatype	Null	Definition
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Rolename			
IdPersona	INTEGER	N	Clave primaria de la Tabla Personas (1/1).
Telefono	CHAR(10)	N	Es el Teléfono de la Persona.
EstadoPer	CHAR(1)	N	Estado de las personas. A: Activa - I: Inactiva.

Defaults, Rules and Check Constraints

Attribute	Type	Name	Restriction
EstadoPer	Default		'A'

Relationships

Parent Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype
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Child Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Subtype
Proveedores	Identifying	One To Zero or More					YES
PersonasFisicas	Identifying	One to Zero or One					YES

IdPersona

Attribute Name	IdPersona	Entity Name	Personas
Column Name	IdPersonas		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdPersona	Personas	INTEGER
SVICMySQL (MySQL)	IdPersonas	Personas	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla Personas (1/1).

Note

Clave primaria de la Tabla Personas (1/1).

Logical Column Properties

Data Type	INTEGER	Width	Scale
Nullable	NO		
Identity	NO		

Domain Restrictions

Check Constraint
Check Constraint
Name

Bound Rule
Declared Default
Bound Default
Reference Value

Telefono

Attribute Name	Telefono	Entity Name	Personas
Column Name	Telefono		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	Telefono	Personas	CHAR
SVICMySql (MySQL)	Telefono	Personas	CHAR

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Es el Teléfono de la Persona.

Note

Es el Teléfono de la Persona.

Logical Column Properties

Data Type	CHAR(10)	Width	10	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

EstadoPer

Attribute Name	EstadoPer	Entity Name	Personas
Column Name	EstadoPer		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	EstadoPer	Personas	CHAR
SVICMySQL (MySQL)	EstadoPer	Personas	CHAR

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Estado de las personas. A: Activa - I: Inactiva.

Note

Estado de la personas. A: Activa - I: Inactiva.

Logical Column Properties

Data Type	CHAR(1)	Width	1	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint Name	
Bound Rule	
Declared Default	'A'
Bound Default	
Reference Value	

PersonasFisicas

Entity Name	PersonasFisicas
Owner Name	
Logical Only	NO
Entity Type	Dependent, Supertype, Subtype
Primary Keys	IdPersonaFisica
Definition	Tabla que almacena la informacion de personas fisicas participantes dell sistema .
Notes	Tabla que almacena la informacion de personas fisicas participantes dell sistema .

Object Permission

User/Role Name	Grantee Type	Permission Type	Action Type	Is Action Extended	Is System
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Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used - Model Usage

Model	Logical Entity Name	Denormalization Mappings
Logical	PersonasFisicas	
SVICMySql (MySQL)	PersonasFisicas	

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
SVICMySql (MySQL)	Main Model

User-Defined Mappings

Model	Name	Description
-------	------	-------------

Keys

Key Name	Key Type	Keys
PK18	PrimaryKey	IdPersonaFisica
IX_ApellidosNombres	Inversion Entry	Apellidos, Nombres

Attributes

Attribute/Logical Rolename	Domain	Datatype	Null	Definition
IdPersonaFisica		INTEGER	N	Clave primaria de la Tabla Personas (1/1).
Apellidos		VARCHAR(30)	N	Apellidos de las personas fisicas.
Nombres		VARCHAR(30)	N	Nombres de las Personas Fisicas.

Defaults, Rules and Check Constraints

Attribute	Type	Name	Restriction
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Relationships

Parent Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype
Personas	Identifying	One to Zero or One				IdPersonaFisica	YES

Child Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Subtype
Clientes	Identifying	One to Zero or One					YES
Empleados	Identifying	One to Zero or One					YES

IdPersonaFisica

Attribute Name	IdPersona	Entity Name	PersonasFisicas
Column Name	IdPersonaFisica		
Logical Role Name	IdPersonaFisica		
Role Name	IdPersonaFisica		
Logical Only Domain	NO		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Personas

Security Properties

Name	Current Value
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Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdPersonaFisica	PersonasFisicas	INTEGER
SVICMySQL (MySQL)	IdPersonaFisica	PersonasFisicas	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
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Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
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Definition

Clave primaria de la Tabla Personas (1/1).

Note

Clave primaria de la Tabla Personas (1/1).

Logical Column Properties

Data Type	INTEGER	Width		Scale	
Nullable	NO				
Identity	NO				

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Apellidos

Attribute Name	Apellidos	Entity Name	PersonasFisicas
Column Name	Apellidos		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	Apellidos	PersonasFisicas	VARCHAR
SVICMySQL (MySQL)	Apellidos	PersonasFisicas	VARCHAR

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Apellidos de las personas fisicas.

Note

Apellidos de las personas fisicas.

Logical Column Properties

Data Type	VARCHAR(30)	Width	30	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Nombres

Attribute Name	Nombres	Entity Name	PersonasFisicas
Column Name	Nombres		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	Nombres	PersonasFisicas	VARCHAR
SVICMySQL (MySQL)	Nombres	PersonasFisicas	VARCHAR

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Nombres de las Personas Fisicas.

Note

Nombres de las Personas Fisicas.

Logical Column Properties

Data Type	VARCHAR(30)	Width	30	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Productos

Entity Name	Productos
Owner Name	
Logical Only	NO
Entity Type	Dependent
Primary Keys	IdProducto,IdRubro
Definition	Tabla que almacena en el sistema. los productos se puede adquirir en la tienda .
Notes	Tabla que almacena en el sistema. los productos se puede adquirir en la tienda .

Object Permission

User/Role Name	Grantee Type	Permission Type	Action Type	Is Action Extended	Is System
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Security Properties

Name	Current Value
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Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
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Where Used - Model Usage

Model	Logical Entity Name	Denormalization Mappings
Logical	Productos	
SVICMySql (MySQL)	Productos	

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
SVICMySql (MySQL)	Main Model

User-Defined Mappings

Model	Name	Description
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Keys

Key Name	Key Type	Keys
UI_NombreProducto	Alternate Key	NombreProducto
PK11	PrimaryKey	IdProducto, IdRubro
UI_IdProducto	Alternate Key	IdProducto

Attributes

Attribute/Logical Rolename	Domain	Datatype	Null	Definition
IdProducto		INTEGER	N	Clave primaria de la Tabla Productos (1/2).
IdRubro		TINYINT	N	Clave primaria de la Tabla Rubros (1/1). Clave primaria de la Tabla Productos (2/2).
NombreProducto		VARCHAR(30)	N	Nombre del producto. Único.
Precio		DECIMAL(12, 2)	N	precio fijado para la venta del producto.
EstadoProd		CHAR(1)	N	Estado del producto. A: Activo - I: Inactivo.

Defaults, Rules and Check Constraints

Attribute	Type	Name	Restriction
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Relationships

Parent Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype
Rubros	Identifying	One To Zero or More				IdRubro	NO

Child Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Subtype
ComprasProductos	Identifying	One To Zero or More					NO
VentasProductos	Identifying	One To Zero or More					NO

IdProducto

Attribute Name	IdProducto	Entity Name	Productos
Column Name	IdProducto		

Logical Role Name		
Role Name		
Logical Only Domain	NO	
Primary Key	YES	
Foreign Key	NO	Parent Entity

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdProducto	Productos	INTEGER
SVICMySQL (MySQL)	IdProducto	Productos	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
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Definition

Clave primaria de la Tabla Productos (1/2).

Note

Clave primaria de la Tabla Productos (1/2).

Logical Column Properties

Data Type	INTEGER	Width	Scale
Nullable	NO		
Identity	NO		

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

IdRubro

Attribute Name	IdRubro	Entity Name	Productos
Column Name	IdRubro		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Entity	Rubros

Security Properties

Name	Current Value
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Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
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Where Used

Model	Name	Base Entity	Datatype
Logical	IdRubro	Productos	TINYINT
SVICMySQL (MySQL)	IdRubro	Productos	TINYINT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
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Definition

Clave primaria de la Tabla Rubros (1/1). Clave primaria de la Tabla Productos (2/2).

Note

Clave primaria de la Tabla Rubros (1/1). Clave primaria de la Tabla Productos (2/2).

Logical Column Properties

Data Type		Width	Scale
Nullable	TINYINT		
Identity	NO		
	NO		

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

NombreProducto

Attribute Name	NombreProducto	Entity Name	Productos
Column Name	NombreProducto		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
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Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	NombreProducto	Productos	VARCHAR
SVICMySql (MySQL)	NombreProducto	Productos	VARCHAR

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Nombre del producto. Único.

Note

Nombre del producto. Único.

Logical Column Properties

Data Type	VARCHAR(30)	Width	30	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Precio

Attribute Name	Precio	Entity Name	Productos
Column Name	Precio		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	Precio	Productos	DECIMAL
SVICMySQL (MySQL)	Precio	Productos	DECIMAL

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
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Definition

precio fijado	para la venta del producto.
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Note

precio fijado	para la venta del producto.
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Logical Column Properties

Data Type	DECIMAL(12, 2)	Width	12	Scale	2
Nullable	NO				
Identity	NO				

Domain Restrictions

Check Constraint	
Check Constraint	
Name	
Bound Rule	
Declared Default	
Bound Default	
Reference Value	

EstadoProd

Attribute Name	EstadoProd	Entity Name	Productos
Column Name	EstadoProd		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	EstadoProd	Productos	CHAR
SVICMySQL (MySQL)	EstadoProd	Productos	CHAR

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Estado del producto. A: Activo - I: Inactivo.

Note

Estado del producto. A: Activo - I: Inactivo.

Logical Column Properties

Data Type	CHAR(1)	Width	1	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Proveedores

Entity Name	Proveedores
Owner Name	
Logical Only	NO
Entity Type	Dependent, Subtype
Primary Keys	IdProveedor
Definition	Tabla que almacena en el sistema los proveedores de la tienda de ventas de insumos de computación .
Notes	Tabla que almacena en el sistema los proveedores de la tienda de ventas de insumos de computación .

Object Permission

User/Role Name	Grantee Type	Permission Type	Action Type	Is Action Extended	Is System
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Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used - Model Usage

Model	Logical Entity Name	Denormalization Mappings
Logical	Proveedores	
SVICMySQL (MySQL)	Proveedores	

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
SVICMySQL (MySQL)	Main Model

User-Defined Mappings

Model	Name	Description
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Keys

Key Name	Key Type	Keys
PK3	PrimaryKey	IdProveedor
UI_NombreProveedor	Alternate Key	NombreProveedor

Attributes

Attribute/Logical Rolename	Domain	Datatype	Null	Definition
IdProveedor		INTEGER	N	Clave primaria de la Tabla Personas (1/1).
NombreProveedor		VARCHAR(30)	N	nombre del proveedor.

Defaults, Rules and Check Constraints

Attribute	Type	Name	Restriction
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Relationships

Parent Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype
Personas	Identifying	One To Zero or More				IdProveedor	YES

Child Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Subtype
Compras	Identifying	One To Zero or More					NO

IdProveedor

Attribute Name	IdPersona	Entity Name	Proveedores
Column Name	IdProveedor		
Logical Role Name	IdProveedor		
Role Name	IdProveedor		
Logical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Entity	Personas

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdProveedor	Proveedores	INTEGER
SVICMySQL (MySQL)	IdProveedor	Proveedores	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla Personas (1/1).

Note

Clave primaria de la Tabla Personas (1/1).

Logical Column Properties

Data Type	INTEGER	Width		Scale	
Nullable	NO				
Identity	NO				

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

NombreProveedor

Attribute Name	NombreProveedor	Entity Name	Proveedores
Column Name	NombreProveedor		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	NombreProveedor	Proveedores	VARCHAR
SVICMySQL (MySQL)	NombreProveedor	Proveedores	VARCHAR

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

nombre del proveedor.

Note

nombre del proveedor.

Logical Column Properties

Data Type	VARCHAR(30)	Width	30	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Roles

Entity Name	Roles
Owner Name	
Logical Only	NO
Entity Type	Independent
Primary Keys	IdRol
Definition	Tabla del sistema que almacena los roles de los empleados de la tienda de venta de insumos.
Notes	Tabla del sistema que almacena los roles de los empleados de la tienda de venta de insumos.

Object Permission

User/Role Name	Grantee Type	Permission Type	Action Type	Is Action Extended	Is System
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Security Properties

Name	Current Value
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Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
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Where Used - Model Usage

Model	Logical Entity Name	Denormalization Mappings
Logical	Roles	
SVICMySql (MySQL)	Roles	

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
SVICMySql (MySQL)	Main Model

User-Defined Mappings

Model	Name	Description
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Keys

Key Name	Key Type	Keys
PK9	PrimaryKey	IdRol
UI_RolTipoRol	Alternate Key	Rol, TipoRol

Attributes

Attribute/Logical Rolename	Domain	Datatype	Null	Definition
IdRol		TINYINT	N	Clave primaria de la Tabla Roles (1/1).
Rol		VARCHAR(30)	N	Nombre del rol de un usuario.
TipoRol		VARCHAR(30)	N	Nombre del tiporol. Único.

Defaults, Rules and Check Constraints

Attribute	Type	Name	Restriction
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Relationships

Parent Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype
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Child Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Subtype
Empleados	Non-Identifying	One To Zero or More					NO

IdRol

Attribute Name	IdRol	Entity Name	Roles
Column Name	IdRol		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdRol	Roles	TINYINT
SVICMySQL (MySQL)	IdRol	Roles	TINYINT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla Roles (1/1).

Note

Clave primaria de la Tabla Roles (1/1).

Logical Column Properties

Data Type	TINYINT	Width	Scale
Nullable	NO		
Identity	NO		

Domain Restrictions

Check Constraint
Check Constraint
Name

Bound Rule
Declared Default
Bound Default
Reference Value

Rol

Attribute Name	Rol	Entity Name	Roles
Column Name	Rol		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	Rol	Roles	VARCHAR
SVICMySql (MySQL)	Rol	Roles	VARCHAR

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Nombre del rol de un usuario.

Note

Nombre del rol de un usuario.

Logical Column Properties

Data Type	VARCHAR(30)	Width	30	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

TipoRol

Attribute Name	TipoRol	Entity Name	Roles
Column Name	TipoRol		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	TipoRol	Roles	VARCHAR
SVICMySQL (MySQL)	TipoRol	Roles	VARCHAR

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Nombre del tiporol. Único.

Note

Nombre del tiporol. Único.

Logical Column Properties

Data Type	VARCHAR(30)	Width	30	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Rubros

Entity Name	Rubros
Owner Name	
Logical Only	NO
Entity Type	Independent
Primary Keys	IdRubro
Definition	Tabla del sistema que almacena los rubros de los productos que se puede adquirir en la tienda .
Notes	Tabla del sistema que almacena los rubros de los productos que se puede adquirir en la tienda .

Object Permission

User/Role Name	Grantee Type	Permission Type	Action Type	Is Action Extended	Is System
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Security Properties

Name	Current Value
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Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
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Where Used - Model Usage

Model	Logical Entity Name	Denormalization Mappings
Logical	Rubros	
SVICMySql (MySQL)	Rubros	

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
SVICMySql (MySQL)	Main Model

User-Defined Mappings

Model	Name	Description
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Keys

Key Name	Key Type	Keys
PK16	PrimaryKey	IdRubro
UI_NombreRubro	Alternate Key	NombreRubro

Attributes

Attribute/Logical Rolename	Domain	Datatype	Null	Definition
IdRubro		TINYINT	N	Clave primaria de la Tabla Rubros (1/1).
NombreRubro		VARCHAR(30)	N	Nombre del rubro .Único.
EstadoRubro		CHAR(1)	N	Estado del rubro: A:Activo - I:Inactivo.

Defaults, Rules and Check Constraints

Attribute	Type	Name	Restriction
EstadoRubro	Default		'A'

Relationships

Parent Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype
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Child Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Subtype
Productos	Identifying	One To Zero or More					NO

IdRubro

Attribute Name	IdRubro	Entity Name	Rubros
Column Name	IdRubro		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdRubro	Rubros	TINYINT
SVICMySQL (MySQL)	IdRubro	Rubros	TINYINT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
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Direct Target Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
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Definition

Clave primaria de la Tabla Rubros (1/1).

Note

Clave primaria de la Tabla Rubros (1/1).

Logical Column Properties

Data Type	TINYINT	Width		Scale	
Nullable	NO				
Identity	NO				

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

NombreRubro

Attribute Name	NombreRubro	Entity Name	Rubros
Column Name	NombreRubro		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	NombreRubro	Rubros	VARCHAR
SVICMySql (MySQL)	NombreRubro	Rubros	VARCHAR

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Nombre del rubro .Único.

Note

Nombre del rubro .Único.

Logical Column Properties

Data Type	VARCHAR(30)	Width	30	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

EstadoRubro

Attribute Name	EstadoRubro	Entity Name	Rubros
Column Name	EstadoRubro		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	EstadoRubro	Rubros	CHAR
SVICMySql (MySQL)	EstadoRubro	Rubros	CHAR

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Estado del rubro: A:Activo - I:Inactivo.

Note

Estado del rubro: A:Activo - I:Inactivo.

Logical Column Properties

Data Type	CHAR(1)	Width	1	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint Name	
Bound Rule	
Declared Default	'A'
Bound Default	
Reference Value	

Ventas

Entity Name	Ventas
Owner Name	
Logical Only	NO
Entity Type	Dependent
Primary Keys	IdVenta, IdCliente, IdEmpleado
Definition	Tabla que almacena en el sistema las ventas realizadas por los empleados a los clientes.
Notes	Tabla que almacena en el sistema las ventas realizadas por los empleados a los clientes.

Object Permission

User/Role Name	Grantee Type	Permission Type	Action Type	Is Action Extended	Is System
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Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used - Model Usage

Model	Logical Entity Name	Denormalization Mappings
Logical	Ventas	
SVICMySql (MySQL)	Ventas	

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
SVICMySql (MySQL)	Main Model

User-Defined Mappings

Model	Name	Description
-------	------	-------------

Keys

Key Name	Key Type	Keys
PK10	PrimaryKey	IdVenta, IdCliente, IdEmpleado
UI_IdVenta	Alternate Key	IdVenta
IX_FechaVenta	Inversion Entry	FechaVenta

Attributes

Attribute/Logical Rolename	Domain	Datatype	Null	Definition
IdVenta		BIGINT	ID	Clave primaria de la Tabla Ventas (1/3).
IdCliente		INTEGER	N	Clave primaria de la Tabla Personas (1/1).
IdEmpleado		INTEGER	N	Clave primaria de la Tabla Personas (1/1).
FechaVenta		DATETIME	N	fecha en la cual un empleado vende productos a un clientes.

Defaults, Rules and Check Constraints

Attribute	Type	Name	Restriction
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Relationships

Parent Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype
Clientes	Identifying	One To Zero or More				IdCliente	NO
Empleados	Identifying	One To Zero or More				IdEmpleado	NO

Child Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Subtype
VentasProductos	Identifying	One To Zero or More					NO

IdVenta

Attribute Name	IdVenta	Entity Name	Ventas
Column Name	IdVenta		
Logical Role Name			
Role Name			
Logical Only	NO		

Domain		
Primary Key	YES	
Foreign Key	NO	Parent Entity

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdVenta	Ventas	BIGINT
SVICMySQL (MySQL)	IdVenta	Ventas	BIGINT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla Ventas (1/3).

Note

Clave primaria de la tabla Ventas (1/3).

Logical Column Properties

Data Type	BIGINT	Width	Scale
Nullable	NO		
Identity	YES		

Domain Restrictions

Check Constraint	
Check Constraint	
Name	
Bound Rule	
Declared Default	
Bound Default	
Reference Value	

IdCliente

Attribute Name	IdPersona	Entity Name	Ventas
Column Name	IdCliente		
Logical Role Name	IdCliente		
Role Name	IdCliente		
Logical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Entity	Clientes

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdCliente	Ventas	INTEGER
SVICMySQL (MySQL)	IdCliente	Ventas	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
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Definition

Clave primaria de la Tabla Personas (1/1).

Note

Clave primaria de la Tabla Personas (1/1).

Logical Column Properties

Data Type		Width	Scale
Nullable	INTEGER		
	NO		
Identity	NO		

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

IdEmpleado

Attribute Name	IdPersona	Entity Name	Ventas
Column Name	IdEmpleado		
Logical Role Name	IdEmpleado		
Role Name	IdEmpleado		
Logical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdEmpleado	Ventas	INTEGER
SVICMySQL (MySQL)	IdEmpleado	Ventas	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla Personas (1/1).

Note

Clave primaria de la Tabla Personas (1/1).

Logical Column Properties

Data Type		Width	Scale
Nullable	INTEGER		
	NO		
Identity	NO		

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

FechaVenta

Attribute Name	FechaVenta	Entity Name	Ventas
Column Name	FechaVenta		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	FechaVenta	Ventas	DATETIME
SVICMySQL (MySQL)	FechaVenta	Ventas	DATETIME

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

fecha en la cual un empleado vende productos a un clientes.

Note

fecha en la cual un empleado vende productos a un clientes.

Logical Column Properties

Data Type		Width	Scale
Nullable	DATETIME		
Identity	NO		
	NO		

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

VentasProductos

Entity Name	VentasProductos
Owner Name	
Logical Only	NO
Entity Type	Dependent
Primary Keys	IdVenta,IdProducto,IdRubro,IdCliente,IdEmpleado
Definition	Tabla que almacena en el sistema los productos que se adquirieron en una venta.
Notes	Tabla que almacena en el sistema los productos que se adquirieron en una venta.

Object Permission

User/Role Name	Grantee Type	Permission Type	Action Type	Is Action Extended	Is System
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Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used - Model Usage

Model	Logical Entity Name	Denormalization Mappings
Logical	VentasProductos	
SVICMySql (MySQL)	VentasProductos	

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
SVICMySql (MySQL)	Main Model

User-Defined Mappings

Model	Name	Description
-------	------	-------------

Keys

Key Name	Key Type	Keys
PK15	PrimaryKey	IdVenta, IdProducto, IdRubro, IdCliente, IdEmpleado

Attributes

Attribute/Logical Rolename	Domain	Datatype	Null	Definition
IdVenta		BIGINT	N	Clave primaria de la Tabla Ventas (1/3).Clave primaria de la Tabla VentasProductos (1/5).
IdProducto		INTEGER	N	Clave primaria de la Tabla Productos (1/2). Clave primaria de la Tabla VentasProductos (2/5).
IdRubro		TINYINT	N	Clave primaria de la Tabla Rubros (1/1). Clave primaria de la Tabla Productos (2/2).Clave primaria de la Tabla VentasProductos (5/5).
IdCliente		INTEGER	N	Clave primaria de la Tabla Personas (1/1).
IdEmpleado		INTEGER	N	Clave primaria de la Tabla Personas (1/1).
PrecioVenta		DECIMAL(12, 2)	N	precio unitario del producto cuando se llevó a cabo la venta.
CantidadVenta		SMALLINT	N	cantidad de un producto que es vende.
Descuento		DECIMAL(12, 2)	N	es el descuento que se le hace por venta de un producto.

Defaults, Rules and Check Constraints

Attribute	Type	Name	Restriction
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Relationships

Parent Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype
Ventas	Identifying	One To Zero or More				IdVenta, IdCliente, IdEmpleado	NO
Productos	Identifying	One To Zero or More				IdProducto, IdRubro	NO

Child Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Subtype
-------------	------	-------------	---------------	-------------	----------------	--------------	------------

IdVenta

Attribute Name	IdVenta	Entity Name	VentasProductos
Column Name	IdVenta		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Entity	Ventas

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdVenta	VentasProductos	BIGINT
SVICMySQL (MySQL)	IdVenta	VentasProductos	BIGINT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla Ventas (1/3).Clave primaria de la Tabla VentasProductos (1/5).

Note

Clave primaria de la Tabla Ventas (1/3).Clave primaria de la Tabla VentasProductos (1/5).

Logical Column Properties

Data Type	BIGINT	Width	Scale
Nullable	NO		
Identity	NO		

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

IdProducto

Attribute Name	IdProducto	Entity Name	VentasProductos
Column Name	IdProducto		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdProducto	VentasProductos	INTEGER
SVICMySQL (MySQL)	IdProducto	VentasProductos	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla Productos (1/2). Clave primaria de la Tabla VentasProductos (2/5).

Note

Clave primaria de la Tabla Productos (1/2). Clave primaria de la Tabla VentasProductos (2/5).

Logical Column Properties

Data Type		Width	Scale
Nullable	INTEGER		
Identity	NO		
	NO		

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

IdRubro

Attribute Name	IdRubro	Entity Name	VentasProductos
Column Name	IdRubro		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdRubro	VentasProductos	TINYINT
SVICMySQL (MySQL)	IdRubro	VentasProductos	TINYINT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla Rubros (1/1). Clave primaria de la Tabla Productos (2/2).Clave primaria de la Tabla VentasProductos (5/5).

Note

Clave primaria de la Tabla Rubros (1/1). Clave primaria de la Tabla Productos (2/2).Clave primaria de la Tabla VentasProductos (5/5).

Logical Column Properties

Data Type		Width	Scale
Nullable	TINYINT		
Identity	NO		
	NO		

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

IdCliente

Attribute Name	IdPersona	Entity Name	VentasProductos
Column Name	IdCliente		
Logical Role Name	IdCliente		
Role Name	IdCliente		
Logical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Entity	Ventas

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdCliente	VentasProductos	INTEGER
SVICMySQL (MySQL)	IdCliente	VentasProductos	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
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Definition

Clave primaria de la Tabla Personas (1/1).

Note

Clave primaria de la Tabla Personas (1/1).

Logical Column Properties

Data Type		Width	Scale
Nullable	INTEGER		
	NO		
Identity	NO		

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

IdEmpleado

Attribute Name	IdPersona	Entity Name	VentasProductos
Column Name	IdEmpleado		
Logical Role Name	IdEmpleado		
Role Name	IdEmpleado		
Logical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Entity	Ventas

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdEmpleado	VentasProductos	INTEGER
SVICMySQL (MySQL)	IdEmpleado	VentasProductos	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
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Definition

Clave primaria de la Tabla Personas (1/1).

Note

Clave primaria de la Tabla Personas (1/1).

Logical Column Properties

Data Type		Width	Scale
Nullable	INTEGER		
Identity	NO		
	NO		

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

PrecioVenta

Attribute Name	PrecioVenta	Entity Name	VentasProductos
Column Name	PrecioVenta		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	PrecioVenta	VentasProductos	DECIMAL
SVICMySQL (MySQL)	PrecioVenta	VentasProductos	DECIMAL

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

precio unitario del producto cuando se llevó a cabo la venta.

Note

precio unitario del producto cuando se llevó a cabo la venta.

Logical Column Properties

Data Type	DECIMAL(12, 2)	Width	12	Scale	2
Nullable	NO				
Identity	NO				

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

CantidadVenta

Attribute Name	CantidadVenta	Entity Name	VentasProductos
Column Name	CantidadVenta		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	CantidadVenta	VentasProductos	SMALLINT
SVICMySQL (MySQL)	CantidadVenta	VentasProductos	SMALLINT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
--------------	-------------	--------------------	-----------------	--------------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

cantidad	de un producto que es vende.
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Note

cantidad	de un producto que es vende.
----------	------------------------------

Logical Column Properties

Data Type	SMALLINT	Width	Scale
Nullable	NO		
Identity	NO		

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Descuento

Attribute Name	Descuento	Entity Name	VentasProductos
Column Name	Descuento		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	Descuento	VentasProductos	DECIMAL
SVICMySQL (MySQL)	Descuento	VentasProductos	DECIMAL

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

es el descuento que se le hace por venta de un producto.

Note

es el descuento que se le hace por venta de un producto.

Logical Column Properties

Data Type	DECIMAL(12, 2)	Width	12	Scale	2
Nullable	NO				
Identity	NO				

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Key Summary Report

Entity Name	Key Name	Key Type	Unique
Cientes	PK7	PrimaryKey	YES
Cientes	UI_Email	Alternate Key	YES
Compras	PK8	PrimaryKey	YES
Compras	UI_IdCompra	Alternate Key	YES
Compras	IX_FechaCompra	Inversion Entry	NO
ComprasProductos	PK14	PrimaryKey	YES
Empleados	PK4	PrimaryKey	YES
Empleados	UI_Usuario	Alternate Key	YES
Personas	PK2	PrimaryKey	YES
PersonasFisicas	PK18	PrimaryKey	YES
PersonasFisicas	IX_ApellidosNombres	Inversion Entry	NO
Productos	UI_NombreProducto	Alternate Key	YES
Productos	PK11	PrimaryKey	YES
Productos	UI_IdProducto	Alternate Key	YES
Proveedores	PK3	PrimaryKey	YES
Proveedores	UI_NombreProveedor	Alternate Key	YES
Roles	PK9	PrimaryKey	YES
Roles	UI_RolTipoRol	Alternate Key	YES
Rubros	PK16	PrimaryKey	YES
Rubros	UI_NombreRubro	Alternate Key	YES
Ventas	PK10	PrimaryKey	YES
Ventas	UI_IdVenta	Alternate Key	YES
Ventas	IX_FechaVenta	Inversion Entry	NO
VentasProductos	PK15	PrimaryKey	YES

Key Detail Reports

PK7

Key Name	PK7
Entity Name	Clientes
Logical Only	NO
Key Type	PrimaryKey
Key Type	PrimaryKey
Unique	YES
Keys	IdCliente

[Bound Attachments](#)

Name	Current Value
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UI_Email

Key Name	UI_Email
Entity Name	Clientes
Logical Only	NO
Key Type	Alternate Key
Key Type	Alternate Key
Unique	YES
Keys	Email

Bound Attachments

Name	Current Value
------	---------------

PK8

Key Name	PK8
Entity Name	Compras
Logical Only	NO
Key Type	PrimaryKey
Key Type	PrimaryKey
Unique	YES
Keys	IdCompra,IdProveedor,IdEmpleado

[Bound Attachments](#)

Name	Current Value
------	---------------

UI_IdCompra

Key Name	UI_IdCompra
Entity Name	Compras
Logical Only	NO
Key Type	Alternate Key
Key Type	Alternate Key
Unique	YES
Keys	IdCompra

[Bound Attachments](#)

Name	Current Value
------	---------------

IX_FechaCompra

Key Name	IX_FechaCompra
Entity Name	Compras
Logical Only	NO
Key Type	Inversion Entry
Key Type	Inversion Entry
Unique	NO
Keys	FechaCompra

Bound Attachments

Name	Current Value
------	---------------

PK14

Key Name	PK14
Entity Name	ComprasProductos
Logical Only	NO
Key Type	PrimaryKey
Key Type	PrimaryKey
Unique	YES
Keys	IdCompra,IdProducto,IdRubro,IdProveedor,IdEmpleado

[Bound Attachments](#)

Name	Current Value
------	---------------

PK4

Key Name	PK4
Entity Name	Empleados
Logical Only	NO
Key Type	PrimaryKey
Key Type	PrimaryKey
Unique	YES
Keys	IdEmpleado

Bound Attachments

Name	Current Value
------	---------------

UI_Usuario

Key Name	UI_Usuario
Entity Name	Empleados
Logical Only	NO
Key Type	Alternate Key
Key Type	Alternate Key
Unique	YES
Keys	Usuario

[Bound Attachments](#)

Name	Current Value
------	---------------

PK2

Key Name	PK2
Entity Name	Personas
Logical Only	NO
Key Type	PrimaryKey
Key Type	PrimaryKey
Unique	YES
Keys	IdPersona

Bound Attachments

Name	Current Value
------	---------------

PK18

Key Name	PK18
Entity Name	PersonasFisicas
Logical Only	NO
Key Type	PrimaryKey
Key Type	PrimaryKey
Unique	YES
Keys	IdPersonaFisica

[Bound Attachments](#)

Name	Current Value
------	---------------

IX_ApellidosNombres

Key Name	IX_ApellidosNombres
Entity Name	PersonasFisicas
Logical Only	NO
Key Type	Inversion Entry
Key Type	Inversion Entry
Unique	NO
Keys	Apellidos,Nombres

Bound Attachments

Name	Current Value
------	---------------

UI_NombreProducto

Key Name	UI_NombreProducto
Entity Name	Productos
Logical Only	NO
Key Type	Alternate Key
Key Type	Alternate Key
Unique	YES
Keys	NombreProducto

[Bound Attachments](#)

Name	Current Value
------	---------------

PK11

Key Name	PK11
Entity Name	Productos
Logical Only	NO
Key Type	PrimaryKey
Key Type	PrimaryKey
Unique	YES
Keys	IdProducto,IdRubro

[Bound Attachments](#)

Name	Current Value
------	---------------

UI_IdProducto

Key Name	UI_IdProducto
Entity Name	Productos
Logical Only	NO
Key Type	Alternate Key
Key Type	Alternate Key
Unique	YES
Keys	IdProducto

Bound Attachments

Name	Current Value
------	---------------

PK3

Key Name	PK3
Entity Name	Provedores
Logical Only	NO
Key Type	PrimaryKey
Key Type	PrimaryKey
Unique	YES
Keys	IdProveedor

Bound Attachments

Name	Current Value
------	---------------

UI_NombreProveedor

Key Name	UI_NombreProveedor
Entity Name	Proveedores
Logical Only	NO
Key Type	Alternate Key
Key Type	Alternate Key
Unique	YES
Keys	NombreProveedor

Bound Attachments

Name	Current Value
------	---------------

PK9

Key Name	PK9
Entity Name	Roles
Logical Only	NO
Key Type	PrimaryKey
Key Type	PrimaryKey
Unique	YES
Keys	IdRol

Bound Attachments

Name	Current Value
------	---------------

UI_RolTipoRol

Key Name	UI_RolTipoRol
Entity Name	Roles
Logical Only	NO
Key Type	Alternate Key
Key Type	Alternate Key
Unique	YES
Keys	Rol,TipoRol

[Bound Attachments](#)

Name	Current Value
------	---------------

PK16

Key Name	PK16
Entity Name	Rubros
Logical Only	NO
Key Type	PrimaryKey
Key Type	PrimaryKey
Unique	YES
Keys	IdRubro

[Bound Attachments](#)

Name	Current Value
------	---------------

UI_NombreRubro

Key Name	UI_NombreRubro
Entity Name	Rubros
Logical Only	NO
Key Type	Alternate Key
Key Type	Alternate Key
Unique	YES
Keys	NombreRubro

Bound Attachments

Name	Current Value
------	---------------

PK10

Key Name	PK10
Entity Name	Ventas
Logical Only	NO
Key Type	PrimaryKey
Key Type	PrimaryKey
Unique	YES
Keys	IdVenta,IdCliente,IdEmpleado

[Bound Attachments](#)

Name	Current Value
------	---------------

UI_IdVenta

Key Name	UI_IdVenta
Entity Name	Ventas
Logical Only	NO
Key Type	Alternate Key
Key Type	Alternate Key
Unique	YES
Keys	IdVenta

Bound Attachments

Name	Current Value
------	---------------

IX_FechaVenta

Key Name	IX_FechaVenta
Entity Name	Ventas
Logical Only	NO
Key Type	Inversion Entry
Key Type	Inversion Entry
Unique	NO
Keys	FechaVenta

Bound Attachments

Name	Current Value
------	---------------

PK15

Key Name	PK15
Entity Name	VentasProductos
Logical Only	NO
Key Type	PrimaryKey
Key Type	PrimaryKey
Unique	YES
Keys	IdVenta,IdProducto,IdRubro,IdCliente,IdEmpleado

[Bound Attachments](#)

Name	Current Value
------	---------------

Relationship Summary Report

Parent Entity	Child Entity	Relationship Type	No of Keys
Proveedores	Compras	Identifying	1
Empleados	Compras	Identifying	1
Roles	Empleados	Non-Identifying	1
Clientes	Ventas	Identifying	1
Empleados	Ventas	Identifying	1
Compras	ComprasProductos	Identifying	3
Productos	ComprasProductos	Identifying	2
Ventas	VentasProductos	Identifying	3
Productos	VentasProductos	Identifying	2
Rubros	Productos	Identifying	1
Personas	Proveedores	Identifying	1
PersonasFisicas	Clientes	Identifying	1
PersonasFisicas	Empleados	Identifying	1
Personas	PersonasFisicas	Identifying	1

Relationship Detail Reports

Relationship: Proveedores to Compras

Relationship Name	
Relationship Business Name	
Relationship Type	Identifying
Relationship Do Not Generate	False
Relationship Logical Only	NO
Parent Entity	Proveedores
Child Entity	Compras
Cardinality	One To Zero or More
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
------	---------------

Relationship Description

Verb Sentence
Inverse Verb Sentence
Definition
Note

Relationship Keys

Parent Key	Child Key
IdProveedor	IdProveedor

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Relationship: Empleados to Compras

Relationship Name	
Relationship Business Name	
Relationship Type	Identifying
Relationship Do Not Generate	False
Relationship Logical Only	NO
Parent Entity	Empleados
Child Entity	Compras
Cardinality	One To Zero or More
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
------	---------------

Relationship Description

Verb Sentence
Inverse Verb Sentence
Definition
Note

Relationship Keys

Parent Key	Child Key
IdEmpleado	IdEmpleado

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Relationship: Roles to Empleados

Relationship Name	
Relationship Business Name	
Relationship Type	Non-Identifying
Relationship Do Not Generate	False
Relationship Logical Only	NO
Parent Entity	Roles
Child Entity	Empleados
Cardinality	One To Zero or More
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
------	---------------

Relationship Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Relationship Keys

Parent Key	Child Key
IdRol	IdRol

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Relationship: Clientes to Ventas

Relationship Name	
Relationship Business Name	
Relationship Type	Identifying
Relationship Do Not Generate	False
Relationship Logical Only	NO
Parent Entity	Clientes
Child Entity	Ventas
Cardinality	One To Zero or More
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
------	---------------

Relationship Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Relationship Keys

Parent Key	Child Key
IdCliente	IdCliente

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Relationship: Empleados to Ventas

Relationship Name	
Relationship Business Name	
Relationship Type	Identifying
Relationship Do Not Generate	False
Relationship Logical Only	NO
Parent Entity	Empleados
Child Entity	Ventas
Cardinality	One To Zero or More
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
------	---------------

Relationship Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Relationship Keys

Parent Key	Child Key
IdEmpleado	IdEmpleado

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Relationship: Compras to ComprasProductos

Relationship Name	
Relationship Business Name	
Relationship Type	Identifying
Relationship Do Not Generate	False
Relationship Logical Only	NO
Parent Entity	Compras
Child Entity	ComprasProductos
Cardinality	One To Zero or More
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
------	---------------

Relationship Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Relationship Keys

Parent Key	Child Key
IdCompra	IdCompra
IdProveedor	IdProveedor
IdEmpleado	IdEmpleado

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Relationship: Productos to ComprasProductos

Relationship Name	
Relationship Business Name	
Relationship Type	Identifying
Relationship Do Not Generate	False
Relationship Logical Only	NO
Parent Entity	Productos
Child Entity	ComprasProductos
Cardinality	One To Zero or More
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
------	---------------

Relationship Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Relationship Keys

Parent Key	Child Key
IdProducto	IdProducto
IdRubro	IdRubro

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Relationship: Ventas to VentasProductos

Relationship Name	
Relationship Business Name	
Relationship Type	Identifying
Relationship Do Not Generate	False
Relationship Logical Only	NO
Parent Entity	Ventas
Child Entity	VentasProductos
Cardinality	One To Zero or More
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
------	---------------

Relationship Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Relationship Keys

Parent Key	Child Key
IdVenta	IdVenta
IdCliente	IdCliente
IdEmpleado	IdEmpleado

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Relationship: Productos to VentasProductos

Relationship Name	
Relationship Business Name	
Relationship Type	Identifying
Relationship Do Not Generate	False
Relationship Logical Only	NO
Parent Entity	Productos
Child Entity	VentasProductos
Cardinality	One To Zero or More
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
------	---------------

Relationship Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Relationship Keys

Parent Key	Child Key
IdProducto	IdProducto
IdRubro	IdRubro

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Relationship: Rubros to Productos

Relationship Name	
Relationship Business Name	
Relationship Type	Identifying
Relationship Do Not Generate	False
Relationship Logical Only	NO
Parent Entity	Rubros
Child Entity	Productos
Cardinality	One To Zero or More
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
------	---------------

Relationship Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Relationship Keys

Parent Key	Child Key
IdRubro	IdRubro

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Relationship: Personas to Proveedores

Relationship Name	
Relationship Business Name	
Relationship Type	Identifying
Relationship Do Not Generate	False
Relationship Logical Only	NO
Parent Entity	Personas
Child Entity	Proveedores
Cardinality	One To Zero or More
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
------	---------------

Relationship Description

Verb Sentence
Inverse Verb Sentence
Definition
Note

Relationship Keys

Parent Key	Child Key
IdPersona	IdProveedor

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Relationship: PersonasFisicas to Clientes

Relationship Name	
Relationship Business Name	
Relationship Type	Identifying
Relationship Do Not Generate	False
Relationship Logical Only	NO
Parent Entity	PersonasFisicas
Child Entity	Clientes
Cardinality	One to Zero or One
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
------	---------------

Relationship Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Relationship Keys

Parent Key	Child Key
IdPersonaFisica	IdCliente

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Relationship: PersonasFisicas to Empleados

Relationship Name	
Relationship Business Name	
Relationship Type	Identifying
Relationship Do Not Generate	False
Relationship Logical Only	NO
Parent Entity	PersonasFisicas
Child Entity	Empleados
Cardinality	One to Zero or One
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
------	---------------

Relationship Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Relationship Keys

Parent Key	Child Key
IdPersonaFisica	IdEmpleado

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Relationship: Personas to PersonasFisicas

Relationship Name	
Relationship Business Name	
Relationship Type	Identifying
Relationship Do Not Generate	False
Relationship Logical Only	NO
Parent Entity	Personas
Child Entity	PersonasFisicas
Cardinality	One to Zero or One
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
------	---------------

Relationship Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Relationship Keys

Parent Key	Child Key
IdPersona	IdPersonaFisica

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Supertype Summary Report

Supertype Name	Type	Discriminator	Subtypes
Personas	Complete, Inclusive		Proveedores, PersonasFisicas
PersonasFisicas	Complete, Inclusive		Empleados, Clientes

Model Detail Reports

SVICMySql

Model Name SVICMySql
Database MySQL 5.x
Platform
Model Notation Physical

PreSQL

PostSQL

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Submodel Summary Report

Name	DatabasePlatform
Main Model	MySQL 5.x

Submodel Detail Reports

Main Model

SubModel	Main Model
Name	
Database	MySQL 5.x
Platform	
Parent	
SubModel	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Table Summary Report

Table Name	Table Type	Primary Keys	# Col
Cientes	Dependent	IdCliente,	2
Compras	Dependent	IdCompra,IdProveedor,IdEmpleado,	4
ComprasProductos	Dependent	IdCompra,IdProducto,IdRubro,IdProv eedor,IdEmpleado,	7
Empleados	Dependent	IdEmpleado,	5
Personas	Independent	IdPersonas,	3
PersonasFisicas	Dependent	IdPersonaFisica,	3
Productos	Dependent	IdProducto,IdRubro,	5
Proveedores	Dependent	IdProveedor,	2
Roles	Independent	IdRol,	3
Rubros	Independent	IdRubro,	3
Ventas	Dependent	IdVenta,IdCliente,IdEmpleado,	4
VentasProductos	Dependent	IdVentaIdProductoldRubroldClienteld Empleado	8

Table Detail Reports

Cientes

Table Name	Cientes
Owner Name	
Table Type	INNODB
Physical Only	NO
Primary Keys	IdCliente
Definition	Tabla que almacena en el sistema los clientes de la tienda que vende insumos de computación.
Notes	Tabla que almacena en el sistema los clientes de la tienda que vende insumos de computación.

PreSQL

PostSQL

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used - Model Usage

Model	Logical Entity Name	Denormalization Mappings
Logical	Cientes	
SVICMySql (MySQL)	Cientes	

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
SVICMySql (MySQL)	Main Model

User-Defined Mappings

Model	Name	Description
-------	------	-------------

Columns

Column Name	Domain	Datatype	Null	Definition
IdCliente		INT	N	Clave primaria de la Tabla Personas (1/1).
Email		VARCHAR(120)	N	correo electronico del cliente. Único.

Keys

Key Name	Key Type	Keys
PK7	PrimaryKey	IdCliente
UI_Email	Alternate Key	Email

Storage

Growth Metrics

Current Row Count	0
Table Growth	Static
Growth Type	N/A
Growth Period	N/A
Maximum Rows	0

Defaults, Rules and Check Constraints

Column	Type	Name	Restriction
--------	------	------	-------------

Foreign Keys

Parent Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype
PersonasFisicas	Identifying	One to Zero or One				IdCliente	NO

Child Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Subtype
Ventas	Identifying	One To Zero or More					NO

DDL Code

```
CREATE TABLE Clientes(  
    IdCliente      INT                NOT NULL,  
    Email          VARCHAR(120)       NOT NULL,  
    PRIMARY KEY (IdCliente),  
    UNIQUE INDEX UI_Email(Email),  
    CONSTRAINT RefPersonasFisicas38 FOREIGN KEY (IdCliente)  
    REFERENCES PersonasFisicas(IdPersonaFisica)  
)  
;
```

IdCliente

Column Name	IdCliente	Table Name	Cientes
Attribute Name	IdPersona		
Logical Role Name	IdCliente		
Role Name	IdCliente		
Physical Only Domain	NO		
Primary Key	YES		
Foreign Key	YES	Parent Table	PersonasFisicas

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdCliente	Cientes	INTEGER
SVICMySQL (MySQL)	IdCliente	Cientes	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
-------	------	-------------	----------	-------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla	Personas (1/1).
----------------------------	-----------------

Note

Clave primaria de la Tabla	Personas (1/1).
----------------------------	-----------------

Column Properties

Data Type	INT	Width	Scale
Nullable	NO		
Unsigned	NO		

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Email

Column Name	Email	Table Name	Clientes
Attribute Name	Email		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	Email	Clientes	VARCHAR
SVICMySql (MySQL)	Email	Clientes	VARCHAR

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
--------------	-------------	--------------------	-----------------	--------------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

correo electronico del cliente. Único.
--

Note

correo electronico del cliente. Único.
--

Column Properties

Data Type	VARCHAR(120)	Width	120	Scale
Nullable	NO			
Unsigned	NO			

Growth Metrics

Average Width	121
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Compras

Table Name	Compras
Owner Name	
Table Type	INNODB
Physical Only	NO
Primary Keys	IdCompra,IdProveedor,IdEmpleado
Definition	Tabla que almacena en el sistema las compras realizadas por los empleados a los proveedores.
Notes	Tabla que almacena en el sistema las compras realizadas por los empleados a los proveedores.

PreSQL

PostSQL

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used - Model Usage

Model	Logical Entity Name	Denormalization Mappings
Logical	Compras	
SVICMySQL (MySQL)	Compras	

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
SVICMySQL (MySQL)	Main Model

User-Defined Mappings

Model	Name	Description
-------	------	-------------

Columns

Column Name	Domain	Datatype	Null	Definition
-------------	--------	----------	------	------------

IdCompra	BIGINT	ID	Clave primaria de la Tabla Compras (1/3).
IdProveedor	INT	N	Clave primaria de la Tabla Personas (1/1).
IdEmpleado	INT	N	Clave primaria de la Tabla Personas (1/1).
FechaCompra	DATETIME	N	fecha en la cual un empleado compra productos a un proveedor.

Keys

Key Name	Key Type	Keys
PK8	PrimaryKey	IdCompra, IdProveedor, IdEmpleado
UI_IdCompra	Alternate Key	IdCompra
IX_FechaCompra	Inversion Entry	FechaCompra

Storage

Growth Metrics

Current Row Count	0
Table Growth	Static
Growth Type	N/A
Growth Period	N/A
Maximum Rows	0

Defaults, Rules and Check Constraints

Column	Type	Name	Restriction
--------	------	------	-------------

Foreign Keys

Parent Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype
Proveedores	Identifying	One To Zero or More				IdProveedor	NO
Empleados	Identifying	One To Zero or More				IdEmpleado	NO

Child Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Subtype
------------	------	-------------	-----------------	-------------	----------------	--------------	------------

ComprasP roductos	Identify ing	One To Zero or More	NO
----------------------	-----------------	---------------------------	----

DDL Code

```
CREATE TABLE Compras(  
    IdCompra          BIGINT          AUTO_INCREMENT,  
    IdProveedor       INT             NOT NULL,  
    IdEmpleado        INT             NOT NULL,  
    FechaCompra       DATETIME        NOT NULL,  
    PRIMARY KEY (IdCompra, IdProveedor, IdEmpleado),  
    UNIQUE INDEX UI_IdCompra(IdCompra),  
    CONSTRAINT RefProveedores7 FOREIGN KEY (IdProveedor)  
    REFERENCES Proveedores(IdProveedor),  
    CONSTRAINT RefEmpleados8 FOREIGN KEY (IdEmpleado)  
    REFERENCES Empleados(IdEmpleado)  
)  
;
```

IdCompra

Column Name	IdCompra	Table Name	Compras
Attribute Name	IdCompra		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdCompra	Compras	BIGINT
SVICMySQL (MySQL)	IdCompra	Compras	BIGINT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
-------	------	-------------	----------	-------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla Compras (1/3).

Note

Clave primaria de la Tabla Compras (1/3).

Column Properties

Data Type	BIGINT	Width	Scale
Nullable	NO		
Unsigned	NO		

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

IdProveedor

Column Name	IdProveedor	Table Name	Compras
Attribute Name	IdPersona		
Logical Role Name	IdPersona		
Role Name	IdProveedor		
Physical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Table	Proveedores

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdProveedor	Compras	INTEGER
SVICMySql (MySQL)	IdProveedor	Compras	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
--------------	-------------	--------------------	-----------------	--------------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
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Definition

Clave primaria de la Tabla	Personas (1/1).
----------------------------	-----------------

Note

Clave primaria de la Tabla	Personas (1/1).
----------------------------	-----------------

Column Properties

Data Type	INT	Width	Scale
Nullable	NO		
Unsigned	NO		

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

IdEmpleado

Column Name	IdEmpleado	Table Name	Compras
Attribute Name	IdPersona		
Logical Role Name	IdPersona		
Role Name	IdEmpleado		
Physical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Table	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdEmpleado	Compras	INTEGER
SVICMySQL (MySQL)	IdEmpleado	Compras	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla	Personas (1/1).
----------------------------	-----------------

Note

Clave primaria de la Tabla	Personas (1/1).
----------------------------	-----------------

Column Properties

Data Type	INT	Width	Scale
Nullable	NO		
Unsigned	NO		

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

FechaCompra

Column Name	FechaCompra	Table Name	Compras
Attribute Name	FechaCompra		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	FechaCompra	Compras	DATETIME
SVICMySQL (MySQL)	FechaCompra	Compras	DATETIME

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

fecha en la cual un empleado compra productos a un proveedor.

Note

fecha en la cual un empleado compra productos a un proveedor.

Column Properties

Data Type	DATETIME	Width	Scale
Nullable	NO		
Unsigned	NO		

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

ComprasProductos

Table Name	ComprasProductos
Owner Name	
Table Type	INNODB
Physical Only	NO
Primary Keys	IdCompra,IdProducto,IdRubro,IdProveedor,IdEmpleado
Definition	Tabla que almacena en el sistema los productos que se adquirieron en una compra .
Notes	Tabla que almacena en el sistema los productos que se adquirieron en una compra .

PreSQL

PostSQL

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used - Model Usage

Model	Logical Entity Name	Denormalization Mappings
Logical	ComprasProductos	
SVICMySQL (MySQL)	ComprasProductos	

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
SVICMySQL (MySQL)	Main Model

User-Defined Mappings

Model	Name	Description
-------	------	-------------

Columns

Column Name	Domain	Datatype	Null	Definition
-------------	--------	----------	------	------------

IdCompra	BIGINT	N	Clave primaria de la Tabla Compras (1/3). Clave primaria de la Tabla ComprasProductos (1/5).
IdProducto	INT	N	Clave primaria de la Tabla Productos (1/2).Clave primaria de la Tabla ComprasProductos (2/5).
IdRubro	TINYINT	N	Clave primaria de la Tabla Rubros (1/1). Clave primaria de la Tabla Productos (2/2).Clave primaria de la Tabla ComprasProductos (5/5).
IdProveedor	INT	N	Clave primaria de la Tabla Personas (1/1).
IdEmpleado	INT	N	Clave primaria de la Tabla Personas (1/1).
PrecioCompra	DECIMAL(12, 2)	N	precio unitario del producto cuando se llevó a cabo la compra.
CantidadCompra	SMALLINT	N	cantidad de un producto comprada.

Keys

Key Name	Key Type	Keys
PK14	PrimaryKey	IdCompra, IdProducto, IdRubro, IdProveedor, IdEmpleado

Storage

Growth Metrics

Current Row Count	0
Table Growth	Static
Growth Type	N/A
Growth Period	N/A
Maximum Rows	0

Defaults, Rules and Check Constraints

Column	Type	Name	Restriction
--------	------	------	-------------

Foreign Keys

Parent Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype
Compras	Identifying	One To Zero or More				IdCompra, IdProveedor, IdEmpleado	NO
Productos	Identifying	One To Zero or More				IdProducto, IdRubro	NO

Child Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Subtype
------------	------	-------------	-----------------	-------------	----------------	--------------	------------

DDL Code

```
CREATE TABLE ComprasProductos(  
    IdCompra          BIGINT          NOT NULL,  
    IdProducto        INT             NOT NULL,  
    IdRubro           TINYINT         NOT NULL,  
    IdProveedor       INT             NOT NULL,  
    IdEmpleado        INT             NOT NULL,  
    PrecioCompra      DECIMAL(12, 2)  NOT NULL,  
    CantidadCompra    SMALLINT        NOT NULL,  
    PRIMARY KEY (IdCompra, IdProducto, IdRubro, IdProveedor,  
IdEmpleado),  
    CONSTRAINT RefCompras23 FOREIGN KEY (IdCompra, IdProveedor,  
IdEmpleado)  
    REFERENCES Compras(IdCompra, IdProveedor, IdEmpleado),  
    CONSTRAINT RefProductos24 FOREIGN KEY (IdProducto, IdRubro)  
    REFERENCES Productos(IdProducto, IdRubro)  
)  
;
```

IdCompra

Column Name	IdCompra	Table Name	ComprasProductos
Attribute Name	IdCompra		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Table	Compras

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdCompra	ComprasProductos	BIGINT
SVICMySQL (MySQL)	IdCompra	ComprasProductos	BIGINT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
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Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla Compras (1/3). Clave primaria de la Tabla ComprasProductos (1/5).
--

Note

Clave primaria de la Tabla Compras (1/3). Clave primaria de la Tabla ComprasProductos (1/5).
--

Column Properties

Data Type		Width	Scale
Nullable	BIGINT		
Unsigned	NO		
	NO		

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

IdProducto

Column Name	IdProducto	Table Name	ComprasProductos
Attribute Name	IdProducto		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Table	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdProducto	ComprasProductos	INTEGER
SVICMySQL (MySQL)	IdProducto	ComprasProductos	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
-------	------	-------------	----------	-------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla Productos (1/2).Clave primaria de la Tabla ComprasProductos (2/5).

Note

Clave primaria de la Tabla Productos (1/2).Clave primaria de la Tabla ComprasProductos (2/5).

Column Properties

Data Type	INT	Width	Scale
Nullable	NO		
Unsigned	NO		

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

IdRubro

Column Name	IdRubro	Table Name	ComprasProductos
Attribute Name	IdRubro		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdRubro	ComprasProductos	TINYINT
SVICMySQL (MySQL)	IdRubro	ComprasProductos	TINYINT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla Rubros (1/1). Clave primaria de la Tabla Productos (2/2).Clave primaria de la Tabla ComprasProductos (5/5).

Note

Clave primaria de la Tabla Rubros (1/1). Clave primaria de la Tabla Productos (2/2).Clave primaria de la Tabla ComprasProductos (5/5).

Column Properties

Data Type		Width	Scale
Nullable	TINYINT		
Unsigned	NO		
	NO		

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

IdProveedor

Column Name	IdProveedor	Table Name	ComprasProductos
Attribute Name	IdPersona		
Logical Role Name	IdPersona		
Role Name	IdProveedor		
Physical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Table	Compras

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdProveedor	ComprasProductos	INTEGER
SVICMySQL (MySQL)	IdProveedor	ComprasProductos	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
--------------	-------------	--------------------	-----------------	--------------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla	Personas (1/1).
----------------------------	-----------------

Note

Clave primaria de la Tabla	Personas (1/1).
----------------------------	-----------------

Column Properties

Data Type		Width	Scale
Nullable	NO		
Unsigned	NO		

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

IdEmpleado

Column Name	IdEmpleado	Table Name	ComprasProductos
Attribute Name	IdPersona		
Logical Role Name	IdPersona		
Role Name	IdEmpleado		
Physical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Table	Compras

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdEmpleado	ComprasProductos	INTEGER
SVICMySQL (MySQL)	IdEmpleado	ComprasProductos	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla	Personas (1/1).
----------------------------	-----------------

Note

Clave primaria de la Tabla	Personas (1/1).
----------------------------	-----------------

Column Properties

Data Type	INT	Width	Scale
Nullable	NO		
Unsigned	NO		

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

PrecioCompra

Column Name	PrecioCompra	Table Name	ComprasProductos
Attribute Name	PrecioCompra		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	PrecioCompra	ComprasProductos	DECIMAL
SVICMySQL (MySQL)	PrecioCompra	ComprasProductos	DECIMAL

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
--------------	-------------	--------------------	-----------------	--------------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

precio unitario del producto cuando se llevó a cabo la compra.

Note

precio unitario del producto cuando se llevó a cabo la compra.

Column Properties

Data Type	DECIMAL(12, 2)	Width	12	Scale	2
Nullable	NO				
Unsigned	NO				

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint	
Check Constraint	
Name	
Bound Rule	
Declared Default	
Bound Default	
Reference Value	

CantidadCompra

Column Name	CantidadCompra	Table Name	ComprasProductos
Attribute Name	CantidadCompra		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	CantidadCompra	ComprasProductos	SMALLINT
SVICMySQL (MySQL)	CantidadCompra	ComprasProductos	SMALLINT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
--------------	-------------	--------------------	-----------------	--------------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

cantidad	de un producto comprada.
----------	--------------------------

Note

cantidad	de un producto comprada.
----------	--------------------------

Column Properties

Data Type	SMALLINT	Width	Scale
Nullable	NO		
Unsigned	NO		

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Empleados

Table Name	Empleados
Owner Name	
Table Type	INNODB
Physical Only	NO
Primary Keys	IdEmpleado
Definition	Tabla que almacena en el sistema los empleados de la tienda que vende insumos de computación.
Notes	Tabla que almacena en el sistema los empleados de la tienda que vende insumos de computación.

PreSQL

PostSQL

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used - Model Usage

Model	Logical Entity Name	Denormalization Mappings
Logical	Empleados	
SVICMySql (MySQL)	Empleados	

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
SVICMySql (MySQL)	Main Model

User-Defined Mappings

Model	Name	Description
-------	------	-------------

Columns

Column Name	Domain	Datatype	Null	Definition
-------------	--------	----------	------	------------

IdEmpleado	INT	N	Clave primaria de la Tabla Personas (1/1).
IdRol	TINYINT	N	Clave primaria de la Tabla Roles (1/1).
Usuario	VARCHAR(30)	N	nombre de usuario del empleado. Único.
Contraseña	CHAR(32)	N	contraseña del usuario del empleado codificada en MD5.
FechaIngreso	DATETIME	N	Fecha de ingreso del empleado.

Keys

Key Name	Key Type	Keys
PK4	PrimaryKey	IdEmpleado
UI_Usuario	Alternate Key	Usuario

Storage

Growth Metrics

Current Row Count	0
Table Growth	Static
Growth Type	N/A
Growth Period	N/A
Maximum Rows	0

Defaults, Rules and Check Constraints

Column	Type	Name	Restriction
--------	------	------	-------------

Foreign Keys

Parent Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype
PersonasFisicas	Identifying	One to Zero or One				IdEmpleado	NO
Roles	Non-Identifying	One To Zero or More				IdRol	NO

Child Relationships:

Table	Type	Cardinality	Constraint	Verb	Inverse	Foreign	Is
-------	------	-------------	------------	------	---------	---------	----

Name			Name	Phrase	Phrase	Keys	Subtype
Compras	Identifying	One To Zero or More					NO
Ventas	Identifying	One To Zero or More					NO

DDL Code

```

CREATE TABLE Empleados (
    IdEmpleado INT NOT NULL,
    IdRol TINYINT NOT NULL,
    Usuario VARCHAR(30) NOT NULL,
    Contraseña CHAR(32) NOT NULL,
    FechaIngreso DATETIME NOT NULL,
    PRIMARY KEY (IdEmpleado),
    UNIQUE INDEX UI_Usuario(Usuario),
    CONSTRAINT RefPersonasFisicas39 FOREIGN KEY (IdEmpleado)
    REFERENCES PersonasFisicas(IdPersonaFisica),
    CONSTRAINT RefRoles9 FOREIGN KEY (IdRol)
    REFERENCES Roles(IdRol)
)
;
```

IdEmpleado

Column Name	IdEmpleado	Table Name	Empleados
Attribute Name	IdPersona		
Logical Role Name	IdEmpleado		
Role Name	IdEmpleado		
Physical Only Domain	NO		
Primary Key	YES		
Foreign Key	YES	Parent Table	PersonasFisicas

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdEmpleado	Empleados	INTEGER
SVICMySQL (MySQL)	IdEmpleado	Empleados	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
-------	------	-------------	----------	-------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla	Personas (1/1).
----------------------------	-----------------

Note

Clave primaria de la Tabla	Personas (1/1).
----------------------------	-----------------

Column Properties

Data Type	INT	Width	Scale
Nullable	NO		
Unsigned	NO		

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

IdRol

Column Name	IdRol	Table Name	Empleados
Attribute Name	IdRol		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	YES	Parent Table	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdRol	Empleados	TINYINT
SVICMySql (MySQL)	IdRol	Empleados	TINYINT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
-------	------	-------------	----------	-------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla Roles (1/1).

Note

Clave primaria de la Tabla Roles (1/1).

Column Properties

Data Type	TINYINT	Width		Scale	
Nullable	NO				
Unsigned	NO				

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Usuario

Column Name	Usuario	Table Name	Empleados
Attribute Name	Usuario		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	Usuario	Empleados	VARCHAR
SVICMySql (MySQL)	Usuario	Empleados	VARCHAR

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
--------------	-------------	--------------------	-----------------	--------------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

nombre de usuario del empleado. Único.
--

Note

nombre de usuario del empleado. Único.
--

Column Properties

Data Type	VARCHAR(30)	Width	30	Scale
Nullable	NO			
Unsigned	NO			

Growth Metrics

Average Width	31
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Contraseña

Column Name	Contraseña	Table Name	Empleados
Attribute Name	Contraseña		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	Contraseña	Empleados	CHAR
SVICMySql (MySQL)	Contraseña	Empleados	CHAR

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
--------------	-------------	--------------------	-----------------	--------------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

contraseña	del usuario del empleado codificada	en MD5.
------------	-------------------------------------	---------

Note

contraseña	del usuario del empleado codificada	en MD5.
------------	-------------------------------------	---------

Column Properties

Data Type	CHAR(32)	Width	32	Scale
Nullable	NO			
Unsigned	NO			

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

FechaIngreso

Column Name	FechaIngreso	Table Name	Empleados
Attribute Name	FechaIngreso		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	FechaIngreso	Empleados	DATETIME
SVICMySql (MySQL)	FechaIngreso	Empleados	DATETIME

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
--------------	-------------	--------------------	-----------------	--------------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Fecha de ingreso del empleado.

Note

Fecha de ingreso del empleado.

Column Properties

Data Type	DATETIME	Width	Scale
Nullable	NO		
Unsigned	NO		

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Personas

Table Name	Personas
Owner Name	
Table Type	INNODB
Physical Only	NO
Primary Keys	IdPersonas
Definition	Tabla que almacena las personas participantes del sistema.
Notes	Tabla que almacena las personas participantes del sistema.

PreSQL

PostSQL

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used - Model Usage

Model	Logical Entity Name	Denormalization Mappings
Logical	Personas	
SVICMySql (MySQL)	Personas	

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
SVICMySql (MySQL)	Main Model

User-Defined Mappings

Model	Name	Description
-------	------	-------------

Columns

Column Name	Domain	Datatype	Null	Definition
IdPersonas		INT	N	Clave primaria de la Tabla Personas

Telefono	CHAR(10)	N	(1/1). Es el Teléfono de la Persona.
EstadoPer	CHAR(1)	N	Estado de las personas. A: Activa - I: Inactiva.

Keys

Key Name	Key Type	Keys
PK2	PrimaryKey	IdPersonas

Storage

Growth Metrics

Current Row Count	0
Table Growth	Static
Growth Type	N/A
Growth Period	N/A
Maximum Rows	0

Defaults, Rules and Check Constraints

Column	Type	Name	Restriction
EstadoPer	Default		'A'

Foreign Keys

Parent Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype
------------	------	-------------	-----------------	-------------	----------------	--------------	--------------

Child Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Subtype
Proveedores	Identifying	One to Zero or One					NO
PersonasFisicas	Identifying	One to Zero or One					NO

DDL Code

```
CREATE TABLE Personas(  
    IdPersonas      INT          NOT NULL,  
    Telefono        CHAR(10)     NOT NULL,  
    EstadoPer       CHAR(1)      DEFAULT 'A' NOT NULL,  
    PRIMARY KEY (IdPersonas)  
)  
;
```

IdPersonas

Column Name	IdPersonas	Table Name	Personas
Attribute Name	IdPersona		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdPersona	Personas	INTEGER
SVICMySQL (MySQL)	IdPersonas	Personas	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
-------	------	-------------	----------	-------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla	Personas (1/1).
----------------------------	-----------------

Note

Clave primaria de la Tabla	Personas (1/1).
----------------------------	-----------------

Column Properties

Data Type	INT	Width	Scale
Nullable	NO		
Unsigned	NO		

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Telefono

Column Name	Telefono	Table Name	Personas
Attribute Name	Telefono		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	Telefono	Personas	CHAR
SVICMySql (MySQL)	Telefono	Personas	CHAR

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
--------------	-------------	--------------------	-----------------	--------------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Es el Teléfono de la Persona.

Note

Es el Teléfono de la Persona.

Column Properties

Data Type	CHAR(10)	Width	10	Scale
Nullable	NO			
Unsigned	NO			

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

EstadoPer

Column Name	EstadoPer	Table Name	Personas
Attribute Name	EstadoPer		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	EstadoPer	Personas	CHAR
SVICMySQL (MySQL)	EstadoPer	Personas	CHAR

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
-------	------	-------------	----------	-------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Estado de las personas. A: Activa - I: Inactiva.

Note

Estado de la personas. A: Activa - I: Inactiva.

Column Properties

Data Type	CHAR(1)	Width	1	Scale
Nullable	NO			
Unsigned	NO			

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint Name	
Bound Rule	
Declared Default	'A'
Bound Default	
Reference Value	

PersonasFisicas

Table Name	PersonasFisicas
Owner Name	
Table Type	
Physical Only	NO
Primary Keys	IdPersonaFisica
Definition	Tabla que almacena la informacion de personas fisicas participantes dell sistema .
Notes	Tabla que almacena la informacion de personas fisicas participantes dell sistema .

PreSQL

PostSQL

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used - Model Usage

Model	Logical Entity Name	Denormalization Mappings
Logical	PersonasFisicas	
SVICMySQL (MySQL)	PersonasFisicas	

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
SVICMySQL (MySQL)	Main Model

User-Defined Mappings

Model	Name	Description
-------	------	-------------

Columns

Column Name	Domain	Datatype	Null	Definition
-------------	--------	----------	------	------------

IdPersonaFisica	INT	N	Clave primaria de la Tabla Personas (1/1).
Apellidos	VARCHAR(30)	N	Apellidos de las personas fisicas.
Nombres	VARCHAR(30)	N	Nombres de las Personas Fisicas.

Keys

Key Name	Key Type	Keys
IX_ApellidosNombres	Inversion Entry	Apellidos, Nombres
PK18	PrimaryKey	IdPersonaFisica

Storage

Growth Metrics

Current Row Count	0
Table Growth	Static
Growth Type	N/A
Growth Period	N/A
Maximum Rows	0

Defaults, Rules and Check Constraints

Column	Type	Name	Restriction
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Foreign Keys

Parent Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype
Personas	Identifying	One to Zero or One				IdPersonaFisica	NO

Child Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Subtype
Cientes	Identifying	One to Zero or One					NO
Empleados	Identifying	One to Zero or One					NO

DDL Code

```
CREATE TABLE PersonasFisicas(  
    IdPersonaFisica    INT                NOT NULL,  
    Apellidos          VARCHAR(30)        NOT NULL,  
    Nombres            VARCHAR(30)        NOT NULL,  
    PRIMARY KEY (IdPersonaFisica),  
    CONSTRAINT RefPersonas40 FOREIGN KEY (IdPersonaFisica)  
    REFERENCES Personas(IdPersonas)  
)  
;
```


IdPersonaFisica

Column Name	IdPersonaFisica	Table Name	PersonasFisicas
Attribute Name	IdPersona		
Logical Role Name	IdPersonaFisica		
Role Name	IdPersonaFisica		
Physical Only Domain	NO		
Primary Key	YES		
Foreign Key	YES	Parent Table	Personas

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdPersonaFisica	PersonasFisicas	INTEGER
SVICMySQL (MySQL)	IdPersonaFisica	PersonasFisicas	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla	Personas (1/1).
----------------------------	-----------------

Note

Clave primaria de la Tabla	Personas (1/1).
----------------------------	-----------------

Column Properties

Data Type	INT	Width	Scale
Nullable	NO		
Unsigned	NO		

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Apellidos

Column Name	Apellidos	Table Name	PersonasFisicas
Attribute Name	Apellidos		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	Apellidos	PersonasFisicas	VARCHAR
SVICMySQL (MySQL)	Apellidos	PersonasFisicas	VARCHAR

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
--------------	-------------	--------------------	-----------------	--------------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Apellidos de las personas fisicas.

Note

Apellidos de las personas fisicas.

Column Properties

Data Type	VARCHAR(30)	Width	30	Scale
Nullable	NO			
Unsigned	NO			

Growth Metrics

Average Width	30
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Nombres

Column Name	Nombres	Table Name	PersonasFisicas
Attribute Name	Nombres		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	Nombres	PersonasFisicas	VARCHAR
SVICMySQL (MySQL)	Nombres	PersonasFisicas	VARCHAR

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
--------------	-------------	--------------------	-----------------	--------------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Nombres de las Personas Fisicas.

Note

Nombres de las Personas Fisicas.

Column Properties

Data Type	VARCHAR(30)	Width	30	Scale
Nullable	NO			
Unsigned	NO			

Growth Metrics

Average Width	30
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Productos

Table Name	Productos
Owner Name	
Table Type	INNODB
Physical Only	NO
Primary Keys	IdProducto,IdRubro
Definition	Tabla que almacena en el sistema. los productos se puede adquirir en la tienda .
Notes	Tabla que almacena en el sistema. los productos se puede adquirir en la tienda .

PreSQL

PostSQL

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used - Model Usage

Model	Logical Entity Name	Denormalization Mappings
Logical	Productos	
SVICMySQL (MySQL)	Productos	

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
SVICMySQL (MySQL)	Main Model

User-Defined Mappings

Model	Name	Description
-------	------	-------------

Columns

Column Name	Domain	Datatype	Null	Definition
-------------	--------	----------	------	------------

IdProducto	INT	N	Clave primaria de la Tabla Productos (1/2).
IdRubro	TINYINT	N	Clave primaria de la Tabla Rubros (1/1). Clave primaria de la Tabla Productos (2/2).
NombreProducto	VARCHAR(30)	N	Nombre del producto. Único.
Precio	DECIMAL(12, 2)	N	precio fijado para la venta del producto.
EstadoProd	CHAR(1)	N	Estado del producto. A: Activo - I: Inactivo.

Keys

Key Name	Key Type	Keys
UI_NombreProducto	Alternate Key	NombreProducto
PK11	Primary Key	IdProducto, IdRubro
UI_IdProducto	Alternate Key	IdProducto

Storage

Growth Metrics

Current Row Count	0
Table Growth	Static
Growth Type	N/A
Growth Period	N/A
Maximum Rows	0

Defaults, Rules and Check Constraints

Column	Type	Name	Restriction
--------	------	------	-------------

Foreign Keys

Parent Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype
Rubros	Identifying	One To Zero or More				IdRubro	NO

Child Relationships:

Table	Type	Cardinality	Constraint	Verb	Inverse	Foreign	Is
-------	------	-------------	------------	------	---------	---------	----

Name			Name	Phrase	Phrase	Keys	Subtype
ComprasP roductos	Identify ing	One To Zero or More					NO
VentasPro ductos	Identify ing	One To Zero or More					NO

DDL Code

```

CREATE TABLE Productos(
    IdProducto      INT          NOT NULL,
    IdRubro         TINYINT      NOT NULL,
    NombreProducto  VARCHAR(30)  NOT NULL,
    Precio          DECIMAL(12, 2) NOT NULL,
    EstadoProd      CHAR(1)      NOT NULL,
    PRIMARY KEY (IdProducto, IdRubro),
    UNIQUE INDEX UI_NombreProducto(NombreProducto),
    UNIQUE INDEX UI_IdProducto(IdProducto),
    CONSTRAINT RefRubros27 FOREIGN KEY (IdRubro)
    REFERENCES Rubros(IdRubro)
)
;
```

IdProducto

Column Name	IdProducto	Table Name	Productos
Attribute Name	IdProducto		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdProducto	Productos	INTEGER
SVICMySQL (MySQL)	IdProducto	Productos	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
--------------	-------------	--------------------	-----------------	--------------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla Productos (1/2).

Note

Clave primaria de la Tabla Productos (1/2).

Column Properties

Data Type	INT	Width	Scale
Nullable	NO		
Unsigned	NO		

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

- Check Constraint
- Check Constraint
- Name
- Bound Rule
- Declared Default
- Bound Default
- Reference Value

IdRubro

Column Name	IdRubro	Table Name	Productos
Attribute Name	IdRubro		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Table	Rubros

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdRubro	Productos	TINYINT
SVICMySql (MySQL)	IdRubro	Productos	TINYINT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
--------------	-------------	--------------------	-----------------	--------------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla Rubros (1/1). Clave primaria de la Tabla Productos (2/2).

Note

Clave primaria de la Tabla Rubros (1/1). Clave primaria de la Tabla Productos (2/2).

Column Properties

Data Type		Width	Scale
Nullable	TINYINT		
Unsigned	NO		
	NO		

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint	
Check Constraint	
Name	
Bound Rule	
Declared Default	
Bound Default	
Reference Value	

NombreProducto

Column Name	NombreProducto	Table Name	Productos
Attribute Name	NombreProducto		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	NombreProducto	Productos	VARCHAR
SVICMySQL (MySQL)	NombreProducto	Productos	VARCHAR

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
--------------	-------------	--------------------	-----------------	--------------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Nombre del producto. Único.

Note

Nombre del producto. Único.

Column Properties

Data Type	VARCHAR(30)	Width	30	Scale
Nullable	NO			
Unsigned	NO			

Growth Metrics

Average Width	31
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Precio

Column Name	Precio	Table Name	Productos
Attribute Name	Precio		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	Precio	Productos	DECIMAL
SVICMySQL (MySQL)	Precio	Productos	DECIMAL

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
-------	------	-------------	----------	-------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

precio fijado	para la venta del producto.
---------------	-----------------------------

Note

precio fijado	para la venta del producto.
---------------	-----------------------------

Column Properties

Data Type	DECIMAL(12, 2)	Width	12	Scale	2
Nullable	NO				
Unsigned	NO				

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

EstadoProd

Column Name	EstadoProd	Table Name	Productos
Attribute Name	EstadoProd		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	EstadoProd	Productos	CHAR
SVICMySQL (MySQL)	EstadoProd	Productos	CHAR

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
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Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Estado del producto. A: Activo - I: Inactivo.

Note

Estado del producto. A: Activo - I: Inactivo.

Column Properties

Data Type	CHAR(1)	Width	1	Scale
Nullable	NO			
Unsigned	NO			

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Proveedores

Table Name	Proveedores
Owner Name	
Table Type	INNODB
Physical Only	NO
Primary Keys	IdProveedor
Definition	Tabla que almacena en el sistema los proveedores de la tienda de ventas de insumos de computación .
Notes	Tabla que almacena en el sistema los proveedores de la tienda de ventas de insumos de computación .

PreSQL

PostSQL

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used - Model Usage

Model	Logical Entity Name	Denormalization Mappings
Logical	Proveedores	
SVICMySQL (MySQL)	Proveedores	

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
SVICMySQL (MySQL)	Main Model

User-Defined Mappings

Model	Name	Description
-------	------	-------------

Columns

Column Name	Domain	Datatype	Null	Definition
-------------	--------	----------	------	------------

IdProveedor	INT	N	Clave primaria de la Tabla Personas (1/1).
NombreProveedor	VARCHAR(30)	N	nombre del proveedor.

Keys

Key Name	Key Type	Keys
PK3	PrimaryKey	IdProveedor
UI_NombreProveedor	Alternate Key	NombreProveedor

Storage

Growth Metrics

Current Row Count	0
Table Growth	Static
Growth Type	N/A
Growth Period	N/A
Maximum Rows	0

Defaults, Rules and Check Constraints

Column	Type	Name	Restriction
--------	------	------	-------------

Foreign Keys

Parent Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype
Personas	Identifying	One to Zero or One				IdProveedor	NO

Child Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Subtype
Compras	Identifying	One To Zero or More					NO

DDL Code

```
CREATE TABLE Proveedores(  
    IdProveedor          INT          NOT NULL,  
    NombreProveedor      VARCHAR(30)  NOT NULL,  
    PRIMARY KEY (IdProveedor),  
    UNIQUE INDEX UI_NombreProveedor(NombreProveedor),  
    CONSTRAINT RefPersonas30 FOREIGN KEY (IdProveedor)  
    REFERENCES Personas(IdPersonas)  
)  
;
```

IdProveedor

Column Name	IdProveedor	Table Name	Proveedores
Attribute Name	IdPersona		
Logical Role Name	IdPersona		
Role Name	IdProveedor		
Physical Only Domain	NO		
Primary Key	YES		
Foreign Key	YES	Parent Table	Personas

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdProveedor	Proveedores	INTEGER
SVICMySQL (MySQL)	IdProveedor	Proveedores	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
--------------	-------------	--------------------	-----------------	--------------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla	Personas (1/1).
----------------------------	-----------------

Note

Clave primaria de la Tabla	Personas (1/1).
----------------------------	-----------------

Column Properties

Data Type	INT	Width	Scale
Nullable	NO		
Unsigned	NO		

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

NombreProveedor

Column Name	NombreProveedor	Table Name	Proveedores
Attribute Name	NombreProveedor		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	NombreProveedor	Proveedores	VARCHAR
SVICMySQL (MySQL)	NombreProveedor	Proveedores	VARCHAR

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
--------------	-------------	--------------------	-----------------	--------------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

nombre del proveedor.

Note

nombre del proveedor.

Column Properties

Data Type	VARCHAR(30)	Width	30	Scale
Nullable	NO			
Unsigned	NO			

Growth Metrics

Average Width	31
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Roles

Table Name	Roles
Owner Name	
Table Type	INNODB
Physical Only	NO
Primary Keys	IdRol
Definition	Tabla del sistema que almacena los roles de los empleados de la tienda de venta de insumos.
Notes	Tabla del sistema que almacena los roles de los empleados de la tienda de venta de insumos.

PreSQL

PostSQL

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used - Model Usage

Model	Logical Entity Name	Denormalization Mappings
Logical	Roles	
SVICMySql (MySQL)	Roles	

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
SVICMySql (MySQL)	Main Model

User-Defined Mappings

Model	Name	Description
-------	------	-------------

Columns

Column Name	Domain	Datatype	Null	Definition
-------------	--------	----------	------	------------

IdRol	TINYINT	N	Clave primaria de la Tabla Roles (1/1).
Rol	VARCHAR(30)	N	Nombre del rol de un usuario.
TipoRol	VARCHAR(30)	N	Nombre del tiporol. Único.

Keys

Key Name	Key Type	Keys
PK9	PrimaryKey	IdRol
UI_RolTipoRol	Alternate Key	Rol, TipoRol

Storage

Growth Metrics

Current Row Count	0
Table Growth	Static
Growth Type	N/A
Growth Period	N/A
Maximum Rows	0

Defaults, Rules and Check Constraints

Column	Type	Name	Restriction
--------	------	------	-------------

Foreign Keys

--	--	--	--	--	--	--	--

Parent Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype
------------	------	-------------	-----------------	-------------	----------------	--------------	--------------

Child Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Subtype
Empleados	Non-Identifying	One To Zero or More					NO

DDL Code

```
CREATE TABLE Roles(  
    IdRol      TINYINT      NOT NULL,  
    Rol        VARCHAR(30)  NOT NULL,  
    TipoRol    VARCHAR(30)  NOT NULL,  
    PRIMARY KEY (IdRol),  
    UNIQUE INDEX UI_RolTipoRol(Rol, TipoRol)  
)  
;
```

IdRol

Column Name	IdRol	Table Name	Roles
Attribute Name	IdRol		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdRol	Roles	TINYINT
SVICMySQL (MySQL)	IdRol	Roles	TINYINT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
-------	------	-------------	----------	-------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla Roles (1/1).

Note

Clave primaria de la Tabla Roles (1/1).

Column Properties

Data Type	TINYINT	Width	Scale
Nullable	NO		
Unsigned	NO		

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Rol

Column Name	Rol	Table Name	Roles
Attribute Name	Rol		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	Rol	Roles	VARCHAR
SVICMySQL (MySQL)	Rol	Roles	VARCHAR

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
-------	------	-------------	----------	-------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Nombre del rol de un usuario.

Note

Nombre del rol de un usuario.

Column Properties

Data Type	VARCHAR(30)	Width	30	Scale
Nullable	NO			
Unsigned	NO			

Growth Metrics

Average Width	31
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

TipoRol

Column Name	TipoRol	Table Name	Roles
Attribute Name	TipoRol		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	TipoRol	Roles	VARCHAR
SVICMySQL (MySQL)	TipoRol	Roles	VARCHAR

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
-------	------	-------------	----------	-------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Nombre del tiporol. Único.

Note

Nombre del tiporol. Único.

Column Properties

Data Type	VARCHAR(30)	Width	30	Scale
Nullable	NO			
Unsigned	NO			

Growth Metrics

Average Width	31
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Rubros

Table Name	Rubros
Owner Name	
Table Type	INNODB
Physical Only	NO
Primary Keys	IdRubro
Definition	Tabla del sistema que almacena los rubros de los productos que se puede adquirir en la tienda .
Notes	Tabla del sistema que almacena los rubros de los productos que se puede adquirir en la tienda .

PreSQL

PostSQL

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used - Model Usage

Model	Logical Entity Name	Denormalization Mappings
Logical	Rubros	
SVICMySQL (MySQL)	Rubros	

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
SVICMySQL (MySQL)	Main Model

User-Defined Mappings

Model	Name	Description
-------	------	-------------

Columns

Column Name	Domain	Datatype	Null	Definition
-------------	--------	----------	------	------------

IdRubro	TINYINT	N	Clave primaria de la Tabla Rubros (1/1).
NombreRubro	VARCHAR(30)	N	Nombre del rubro Único.
EstadoRubro	CHAR(1)	N	Estado del rubro: A:Activo - I:Inactivo.

Keys

Key Name	Key Type	Keys
PK16	PrimaryKey	IdRubro
UI_NombreRubro	Alternate Key	NombreRubro

Storage

Growth Metrics

Current Row Count	0
Table Growth	Static
Growth Type	N/A
Growth Period	N/A
Maximum Rows	0

Defaults, Rules and Check Constraints

Column	Type	Name	Restriction
EstadoRubro	Default		'A'

Foreign Keys

Parent Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype
------------	------	-------------	-----------------	-------------	----------------	--------------	--------------

Child Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Subtype
Productos	Identifying	One To Zero or More					NO

DDL Code

```
CREATE TABLE Rubros(  
    IdRubro          TINYINT          NOT NULL,  
    NombreRubro      VARCHAR(30)      NOT NULL,  
    EstadoRubro      CHAR(1)          DEFAULT 'A' NOT NULL,  
    PRIMARY KEY (IdRubro),  
    UNIQUE INDEX UI_NombreRubro (NombreRubro)  
)  
;
```

IdRubro

Column Name	IdRubro	Table Name	Rubros
Attribute Name	IdRubro		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdRubro	Rubros	TINYINT
SVICMySql (MySQL)	IdRubro	Rubros	TINYINT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
-------	------	-------------	----------	-------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla Rubros (1/1).
--

Note

Clave primaria de la Tabla Rubros (1/1).
--

Column Properties

Data Type		Width	Scale
Nullable	TINYINT		
Unsigned	NO		

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

NombreRubro

Column Name	NombreRubro	Table Name	Rubros
Attribute Name	NombreRubro		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	NombreRubro	Rubros	VARCHAR
SVICMySql (MySQL)	NombreRubro	Rubros	VARCHAR

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
--------------	-------------	--------------------	-----------------	--------------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Nombre del rubro .Único.

Note

Nombre del rubro .Único.

Column Properties

Data Type	VARCHAR(30)	Width	30	Scale
Nullable	NO			
Unsigned	NO			

Growth Metrics

Average Width	31
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

EstadoRubro

Column Name	EstadoRubro	Table Name	Rubros
Attribute Name	EstadoRubro		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	EstadoRubro	Rubros	CHAR
SVICMySQL (MySQL)	EstadoRubro	Rubros	CHAR

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
--------------	-------------	--------------------	-----------------	--------------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Estado del rubro: A:Activo - I:Inactivo.
--

Note

Estado del rubro: A:Activo - I:Inactivo.
--

Column Properties

Data Type	CHAR(1)	Width	1	Scale
Nullable	NO			
Unsigned	NO			

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint	
Check Constraint Name	
Bound Rule	
Declared Default	'A'
Bound Default	
Reference Value	

Ventas

Table Name	Ventas
Owner Name	
Table Type	INNODB
Physical Only	NO
Primary Keys	IdVenta,IdCliente,IdEmpleado
Definition	Tabla que almacena en el sistema las ventas realizadas por los empleados a los clientes.
Notes	Tabla que almacena en el sistema las ventas realizadas por los empleados a los clientes.

PreSQL

PostSQL

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used - Model Usage

Model	Logical Entity Name	Denormalization Mappings
Logical	Ventas	
SVICMySql (MySQL)	Ventas	

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
SVICMySql (MySQL)	Main Model

User-Defined Mappings

Model	Name	Description
-------	------	-------------

Columns

Column Name	Domain	Datatype	Null	Definition
-------------	--------	----------	------	------------

IdVenta	BIGINT	ID	Clave primaria de la Tabla Ventas (1/3).
IdCliente	INT	N	Clave primaria de la Tabla Personas (1/1).
IdEmpleado	INT	N	Clave primaria de la Tabla Personas (1/1).
FechaVenta	DATETIME	N	fecha en la cual un empleado vende productos a un clientes.

Keys

Key Name	Key Type	Keys
PK10	PrimaryKey	IdVenta, IdCliente, IdEmpleado
UI_IdVenta	Alternate Key	IdVenta
IX_FechaVenta	Inversion Entry	FechaVenta

Storage

Growth Metrics

Current Row Count	0
Table Growth	Static
Growth Type	N/A
Growth Period	N/A
Maximum Rows	0

Defaults, Rules and Check Constraints

Column	Type	Name	Restriction
--------	------	------	-------------

Foreign Keys

Parent Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype
Cientes	Identifying	One To Zero or More				IdCliente	NO
Empleados	Identifying	One To Zero or More				IdEmpleado	NO

Child Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Subtype
------------	------	-------------	-----------------	-------------	----------------	--------------	------------

VentasPro ductos	Identify ing	One To Zero or More	NO
---------------------	-----------------	---------------------------	----

DDL Code

```
CREATE TABLE Ventas(  
    IdVenta          BIGINT          AUTO_INCREMENT,  
    IdCliente        INT             NOT NULL,  
    IdEmpleado       INT             NOT NULL,  
    FechaVenta       DATETIME        NOT NULL,  
    PRIMARY KEY (IdVenta, IdCliente, IdEmpleado),  
    UNIQUE INDEX UI_IdVenta(IdVenta),  
    CONSTRAINT RefClientes10 FOREIGN KEY (IdCliente)  
    REFERENCES Clientes(IdCliente),  
    CONSTRAINT RefEmpleados11 FOREIGN KEY (IdEmpleado)  
    REFERENCES Empleados(IdEmpleado)  
)  
;
```

IdVenta

Column Name	IdVenta	Table Name	Ventas
Attribute Name	IdVenta		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdVenta	Ventas	BIGINT
SVICMySQL (MySQL)	IdVenta	Ventas	BIGINT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
-------	------	-------------	----------	-------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla	Ventas (1/3).
----------------------------	---------------

Note

Clave primaria de la tabla	Ventas (1/3).
----------------------------	---------------

Column Properties

Data Type	BIGINT	Width	Scale
Nullable	NO		
Unsigned	NO		

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

IdCliente

Column Name	IdCliente	Table Name	Ventas
Attribute Name	IdPersona		
Logical Role Name	IdPersona		
Role Name	IdCliente		
Physical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Table	Clientes

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdCliente	Ventas	INTEGER
SVICMySQL (MySQL)	IdCliente	Ventas	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
--------------	-------------	--------------------	-----------------	--------------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla	Personas (1/1).
----------------------------	-----------------

Note

Clave primaria de la Tabla	Personas (1/1).
----------------------------	-----------------

Column Properties

Data Type	INT	Width	Scale
Nullable	NO		
Unsigned	NO		

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

IdEmpleado

Column Name	IdEmpleado	Table Name	Ventas
Attribute Name	IdPersona		
Logical Role Name	IdPersona		
Role Name	IdEmpleado		
Physical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Table	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdEmpleado	Ventas	INTEGER
SVICMySQL (MySQL)	IdEmpleado	Ventas	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
-------	------	-------------	----------	-------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla	Personas (1/1).
----------------------------	-----------------

Note

Clave primaria de la Tabla	Personas (1/1).
----------------------------	-----------------

Column Properties

Data Type	INT	Width	Scale
Nullable	NO		
Unsigned	NO		

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

FechaVenta

Column Name	FechaVenta	Table Name	Ventas
Attribute Name	FechaVenta		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	FechaVenta	Ventas	DATETIME
SVICMySQL (MySQL)	FechaVenta	Ventas	DATETIME

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
--------------	-------------	--------------------	-----------------	--------------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

fecha en la cual un empleado vende productos a un clientes.

Note

fecha en la cual un empleado vende productos a un clientes.

Column Properties

Data Type		Width	Scale
Nullable	DATETIME		
	NO		
Unsigned	NO		

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint	
Check Constraint	
Name	
Bound Rule	
Declared Default	
Bound Default	
Reference Value	

VentasProductos

Table Name	VentasProductos
Owner Name	
Table Type	INNODB
Physical Only	NO
Primary Keys	IdVenta,IdProducto,IdRubro,IdCliente,IdEmpleado
Definition	Tabla que almacena en el sistema los productos que se adquirieron en una venta.
Notes	Tabla que almacena en el sistema los productos que se adquirieron en una venta.

PreSQL

PostSQL

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used - Model Usage

Model	Logical Entity Name	Denormalization Mappings
Logical	VentasProductos	
SVICMySQL (MySQL)	VentasProductos	

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
SVICMySQL (MySQL)	Main Model

User-Defined Mappings

Model	Name	Description
-------	------	-------------

Columns

Column Name	Domain	Datatype	Null	Definition
-------------	--------	----------	------	------------

IdVenta	BIGINT	N	Clave primaria de la Tabla Ventas (1/3).Clave primaria de la Tabla VentasProductos (1/5).
IdProducto	INT	N	Clave primaria de la Tabla Productos (1/2). Clave primaria de la Tabla VentasProductos (2/5).
IdRubro	TINYINT	N	Clave primaria de la Tabla Rubros (1/1). Clave primaria de la Tabla Productos (2/2).Clave primaria de la Tabla VentasProductos (5/5).
IdCliente	INT	N	Clave primaria de la Tabla Personas (1/1).
IdEmpleado	INT	N	Clave primaria de la Tabla Personas (1/1).
PrecioVenta	DECIMAL(12, 2)	N	precio unitario del producto cuando se llevó a cabo la venta.
CantidadVenta	SMALLINT	N	cantidad de un producto que es vende.
Descuento	DECIMAL(12, 2)	N	es el descuento que se le hace por venta de un producto.

Keys

Key Name PK15	Key Type PrimaryKey	Keys IdVenta, IdProducto, IdRubro, IdCliente, IdEmpleado
-------------------------	-------------------------------	--

Storage

Growth Metrics

Current Row Count	0
Table Growth	Static

Growth Type	N/A
Growth Period	N/A
Maximum Rows	0

Defaults, Rules and Check Constraints

Column	Type	Name	Restriction
--------	------	------	-------------

Foreign Keys

Parent Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype
Ventas	Identifying	One To Zero or More				IdVenta, IdCliente, IdEmpleado	NO
Productos	Identifying	One To Zero or More				IdProducto, IdRubro	NO

Child Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Subtype
------------	------	-------------	-----------------	-------------	----------------	--------------	------------

DDL Code

```
CREATE TABLE VentasProductos(
    IdVenta          BIGINT          NOT NULL,
    IdProducto       INT             NOT NULL,
    IdRubro          TINYINT         NOT NULL,
    IdCliente        INT             NOT NULL,
    IdEmpleado       INT             NOT NULL,
    PrecioVenta      DECIMAL(12, 2)  NOT NULL,
    CantidadVenta    SMALLINT        NOT NULL,
    Descuento        DECIMAL(12, 2)  NOT NULL,
    PRIMARY KEY (IdVenta, IdProducto, IdRubro, IdCliente,
IdEmpleado),
    CONSTRAINT RefVentas25 FOREIGN KEY (IdVenta, IdCliente,
IdEmpleado)
    REFERENCES Ventas(IdVenta, IdCliente, IdEmpleado),
    CONSTRAINT RefProductos26 FOREIGN KEY (IdProducto, IdRubro)
    REFERENCES Productos(IdProducto, IdRubro)
)
;
```

IdVenta

Column Name	IdVenta	Table Name	VentasProductos
Attribute Name	IdVenta		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Table	Ventas

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdVenta	VentasProductos	BIGINT
SVICMySQL (MySQL)	IdVenta	VentasProductos	BIGINT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
-------	------	-------------	----------	-------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla (1/5).	Ventas (1/3).Clave primaria de la Tabla	VentasProductos
-----------------------------------	---	-----------------

Note

Clave primaria de la Tabla (1/5).	Ventas (1/3).Clave primaria de la Tabla	VentasProductos
-----------------------------------	---	-----------------

Column Properties

Data Type	BIGINT	Width	Scale
Nullable	NO		
Unsigned	NO		

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint	
Check Constraint	
Name	
Bound Rule	
Declared Default	
Bound Default	
Reference Value	

IdProducto

Column Name	IdProducto	Table Name	VentasProductos
Attribute Name	IdProducto		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdProducto	VentasProductos	INTEGER
SVICMySql (MySQL)	IdProducto	VentasProductos	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
--------------	-------------	--------------------	-----------------	--------------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla Productos (1/2). Clave primaria de la Tabla VentasProductos (2/5).

Note

Clave primaria de la Tabla Productos (1/2). Clave primaria de la Tabla VentasProductos (2/5).

Column Properties

Data Type		Width	Scale
Nullable	NO		
Unsigned	NO		

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

IdRubro

Column Name	IdRubro	Table Name	VentasProductos
Attribute Name	IdRubro		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdRubro	VentasProductos	TINYINT
SVICMySQL (MySQL)	IdRubro	VentasProductos	TINYINT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
--------------	-------------	--------------------	-----------------	--------------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla Rubros (1/1). Clave primaria de la Tabla Productos (2/2).Clave primaria de la Tabla VentasProductos (5/5).

Note

Clave primaria de la Tabla Rubros (1/1). Clave primaria de la Tabla Productos (2/2).Clave primaria de la Tabla VentasProductos (5/5).

Column Properties

Data Type		Width	Scale
Nullable	TINYINT		
Unsigned	NO		
	NO		

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

IdCliente

Column Name	IdCliente	Table Name	VentasProductos
Attribute Name	IdPersona		
Logical Role Name	IdPersona		
Role Name	IdCliente		
Physical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Table	Ventas

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdCliente	VentasProductos	INTEGER
SVICMySQL (MySQL)	IdCliente	VentasProductos	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
-------	------	-------------	----------	-------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla	Personas (1/1).
----------------------------	-----------------

Note

Clave primaria de la Tabla	Personas (1/1).
----------------------------	-----------------

Column Properties

Data Type	INT	Width	Scale
Nullable	NO		
Unsigned	NO		

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

IdEmpleado

Column Name	IdEmpleado	Table Name	VentasProductos
Attribute Name	IdPersona		
Logical Role Name	IdPersona		
Role Name	IdEmpleado		
Physical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Table	Ventas

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	IdEmpleado	VentasProductos	INTEGER
SVICMySQL (MySQL)	IdEmpleado	VentasProductos	INT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
-------	------	-------------	----------	-------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Clave primaria de la Tabla	Personas (1/1).
----------------------------	-----------------

Note

Clave primaria de la Tabla	Personas (1/1).
----------------------------	-----------------

Column Properties

Data Type	INT	Width	Scale
Nullable	NO		
Unsigned	NO		

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

PrecioVenta

Column Name	PrecioVenta	Table Name	VentasProductos
Attribute Name	PrecioVenta		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Model	Name	Base Entity	Datatype
Logical	PrecioVenta	VentasProductos	DECIMAL
SVICMySQL (MySQL)	PrecioVenta	VentasProductos	DECIMAL

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
-------	------	-------------	----------	-------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

precio unitario del producto cuando se llevó a cabo la venta.

Note

precio unitario del producto cuando se llevó a cabo la venta.

Column Properties

Data Type	DECIMAL(12, 2)	Width	12	Scale	2
Nullable	NO				
Unsigned	NO				

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint	
Check Constraint	
Name	
Bound Rule	
Declared Default	
Bound Default	
Reference Value	

CantidadVenta

Column Name	CantidadVenta	Table Name	VentasProductos
Attribute Name	CantidadVenta		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	CantidadVenta	VentasProductos	SMALLINT
SVICMySQL (MySQL)	CantidadVenta	VentasProductos	SMALLINT

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
--------------	-------------	--------------------	-----------------	--------------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

cantidad	de un producto que es vende.
----------	------------------------------

Note

cantidad	de un producto que es vende.
----------	------------------------------

Column Properties

Data Type	SMALLINT	Width	Scale
Nullable	NO		
Unsigned	NO		

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Descuento

Column Name	Descuento	Table Name	VentasProductos
Attribute Name	Descuento		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Model	Name	Base Entity	Datatype
Logical	Descuento	VentasProductos	DECIMAL
SVICMySql (MySQL)	Descuento	VentasProductos	DECIMAL

User-Defined Mappings

Model	Name	Base Entity	Datatype	Description
--------------	-------------	--------------------	-----------------	--------------------

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

es el descuento que se le hace por venta de un producto.

Note

es el descuento que se le hace por venta de un producto.

Column Properties

Data Type	DECIMAL(12, 2)	Width	12	Scale	2
Nullable	NO				
Unsigned	NO				

Growth Metrics

Average Width	--
Percent Null	0

Domain Restrictions

Check Constraint	
Check Constraint	
Name	
Bound Rule	
Declared Default	
Bound Default	
Reference Value	

Index Summary Report

Table Name	Index Name	Fulltext	Unique
Cientes	PK7	NO	YES
Cientes	UI_Email	NO	YES
Compras	PK8	NO	YES
Compras	UI_IdCompra	NO	YES
Compras	IX_FechaCompra	NO	NO
ComprasProductos	PK14	NO	YES
Empleados	PK4	NO	YES
Empleados	UI_Usuario	NO	YES
Personas	PK2	NO	YES
PersonasFisicas	IX_ApellidosNombres	NO	NO
PersonasFisicas	PK18	NO	YES
Productos	UI_NombreProducto	NO	YES
Productos	PK11	NO	YES
Productos	UI_IdProducto	NO	YES
Proveedores	PK3	NO	YES
Proveedores	UI_NombreProveedor	NO	YES
Roles	PK9	NO	YES
Roles	UI_RolTipoRol	NO	YES
Rubros	PK16	NO	YES
Rubros	UI_NombreRubro	NO	YES
Ventas	PK10	NO	YES
Ventas	UI_IdVenta	NO	YES
Ventas	IX_FechaVenta	NO	NO
VentasProductos	PK15	NO	YES

Index Detail Reports

PK7

Index Name	PK7
Table Name	Clientes
Physical Only	NO
Fulltext	NO
Index Type	PrimaryKey
Unique	YES
Index Keys	IdCliente

Bound Attachments

Name	Current Value
------	---------------

Index Keys

Index Key	Sort Order
IdCliente	

DDL Code

UI_Email

Index Name	UI_Email
Table Name	Clientes
Physical Only	NO
Fulltext	NO
Index Type	Index
Unique	YES
Index Keys	Email

Bound Attachments

Name	Current Value
------	---------------

Index Keys

Index Key	Sort Order
Email	

DDL Code

```
CREATE UNIQUE INDEX UI_Email ON Clientes (Email)
;
```

PK8

Index Name	PK8
Table Name	Compras
Physical Only	NO
Fulltext	NO
Index Type	PrimaryKey
Unique	YES
Index Keys	IdCompra,IdProveedor,IdEmpleado

Bound Attachments

Name	Current Value
------	---------------

Index Keys

Index Key	Sort Order
IdCompra	
IdProveedor	
IdEmpleado	

DDL Code

UI_IdCompra

Index Name	UI_IdCompra
Table Name	Compras
Physical Only	NO
Fulltext	NO
Index Type	Index
Unique	YES
Index Keys	IdCompra

Bound Attachments

Name	Current Value
------	---------------

Index Keys

Index Key	Sort Order
IdCompra	

DDL Code

```
CREATE UNIQUE INDEX UI_IdCompra ON Compras(IdCompra)
;
```

IX_FechaCompra

Index Name	IX_FechaCompra
Table Name	Compras
Physical Only	NO
Fulltext	NO
Index Type	Index
Unique	NO
Index Keys	FechaCompra

Bound Attachments

Name	Current Value
------	---------------

Index Keys

Index Key	Sort Order
FechaCompra	

DDL Code

```
CREATE INDEX IX_FechaCompra ON Compras (FechaCompra)
;
```


PK14

Index Name	PK14
Table Name	ComprasProductos
Physical Only	NO
Fulltext	NO
Index Type	PrimaryKey
Unique	YES
Index Keys	IdCompra,IdProducto,IdRubro,IdProveedor,IdEmpleado

Bound Attachments

Name	Current Value
------	---------------

Index Keys

Index Key	Sort Order
IdCompra	
IdProducto	
IdRubro	
IdProveedor	
IdEmpleado	

DDL Code

PK4

Index Name	PK4
Table Name	Empleados
Physical Only	NO
Fulltext	NO
Index Type	PrimaryKey
Unique	YES
Index Keys	IdEmpleado

Bound Attachments

Name	Current Value
------	---------------

Index Keys

Index Key	Sort Order
IdEmpleado	

DDL Code

UI_Usuario

Index Name	UI_Usuario
Table Name	Empleados
Physical Only	NO
Fulltext	NO
Index Type	Index
Unique	YES
Index Keys	Usuario

Bound Attachments

Name	Current Value
------	---------------

Index Keys

Index Key	Sort Order
Usuario	

DDL Code

```
CREATE UNIQUE INDEX UI_Usuario ON Empleados(Usuario)
;
```

PK2

Index Name	PK2
Table Name	Personas
Physical Only	NO
Fulltext	NO
Index Type	PrimaryKey
Unique	YES
Index Keys	IdPersonas

Bound Attachments

Name	Current Value
------	---------------

Index Keys

Index Key	Sort Order
IdPersonas	

DDL Code

IX_ApellidosNombres

Index Name	IX_ApellidosNombres
Table Name	PersonasFisicas
Physical Only	NO
Fulltext	NO
Index Type	Index
Unique	NO
Index Keys	Apellidos,Nombres

Bound Attachments

Name	Current Value
------	---------------

Index Keys

Index Key	Sort Order
Apellidos	
Nombres	

DDL Code

```
CREATE INDEX IX_ApellidosNombres ON PersonasFisicas (Apellidos,  
Nombres)  
;
```

PK18

Index Name	PK18
Table Name	PersonasFisicas
Physical Only	NO
Fulltext	NO
Index Type	PrimaryKey
Unique	YES
Index Keys	IdPersonaFisica

Bound Attachments

Name	Current Value
------	---------------

Index Keys

Index Key	Sort Order
IdPersonaFisica	

DDL Code

UI_NombreProducto

Index Name	UI_NombreProducto
Table Name	Productos
Physical Only	NO
Fulltext	NO
Index Type	Index
Unique	YES
Index Keys	NombreProducto

Bound Attachments

Name	Current Value
------	---------------

Index Keys

Index Key	Sort Order
NombreProducto	

DDL Code

```
CREATE UNIQUE INDEX UI_NombreProducto ON Productos (NombreProducto)
;
```

PK11

Index Name	PK11
Table Name	Productos
Physical Only	NO
Fulltext	NO
Index Type	PrimaryKey
Unique	YES
Index Keys	IdProducto,IdRubro

Bound Attachments

Name	Current Value
------	---------------

Index Keys

Index Key	Sort Order
IdProducto	
IdRubro	

DDL Code

UI_IdProducto

Index Name	UI_IdProducto
Table Name	Productos
Physical Only	NO
Fulltext	NO
Index Type	Index
Unique	YES
Index Keys	IdProducto

Bound Attachments

Name	Current Value
------	---------------

Index Keys

Index Key	Sort Order
IdProducto	

DDL Code

```
CREATE UNIQUE INDEX UI_IdProducto ON Productos(IdProducto)
;
```

PK3

Index Name	PK3
Table Name	Provedores
Physical Only	NO
Fulltext	NO
Index Type	PrimaryKey
Unique	YES
Index Keys	IdProveedor

Bound Attachments

Name	Current Value
------	---------------

Index Keys

Index Key	Sort Order
IdProveedor	

DDL Code

UI_NombreProveedor

Index Name	UI_NombreProveedor
Table Name	Proveedores
Physical Only	NO
Fulltext	NO
Index Type	Index
Unique	YES
Index Keys	NombreProveedor

Bound Attachments

Name	Current Value
------	---------------

Index Keys

Index Key	Sort Order
NombreProveedor	

DDL Code

```
CREATE UNIQUE INDEX UI_NombreProveedor ON
Proveedores (NombreProveedor)
;
```

PK9

Index Name	PK9
Table Name	Roles
Physical Only	NO
Fulltext	NO
Index Type	PrimaryKey
Unique	YES
Index Keys	IdRol

Bound Attachments

Name	Current Value
------	---------------

Index Keys

Index Key	Sort Order
IdRol	

DDL Code

UI_RolTipoRol

Index Name	UI_RolTipoRol
Table Name	Roles
Physical Only	NO
Fulltext	NO
Index Type	Index
Unique	YES
Index Keys	Rol,TipoRol

Bound Attachments

Name	Current Value
------	---------------

Index Keys

Index Key	Sort Order
Rol	
TipoRol	

DDL Code

```
CREATE UNIQUE INDEX UI_RolTipoRol ON Roles(Rol, TipoRol)
;
```

PK16

Index Name	PK16
Table Name	Rubros
Physical Only	NO
Fulltext	NO
Index Type	PrimaryKey
Unique	YES
Index Keys	IdRubro

Bound Attachments

Name	Current Value
------	---------------

Index Keys

Index Key	Sort Order
IdRubro	

DDL Code

UI_NombreRubro

Index Name	UI_NombreRubro
Table Name	Rubros
Physical Only	NO
Fulltext	NO
Index Type	Index
Unique	YES
Index Keys	NombreRubro

Bound Attachments

Name	Current Value
------	---------------

Index Keys

Index Key	Sort Order
NombreRubro	

DDL Code

```
CREATE UNIQUE INDEX UI_NombreRubro ON Rubros (NombreRubro)
;
```

PK10

Index Name	PK10
Table Name	Ventas
Physical Only	NO
Fulltext	NO
Index Type	PrimaryKey
Unique	YES
Index Keys	IdVenta,IdCliente,IdEmpleado

Bound Attachments

Name	Current Value
------	---------------

Index Keys

Index Key	Sort Order
IdVenta	
IdCliente	
IdEmpleado	

DDL Code

UI_IdVenta

Index Name	UI_IdVenta
Table Name	Ventas
Physical Only	NO
Fulltext	NO
Index Type	Index
Unique	YES
Index Keys	IdVenta

Bound Attachments

Name	Current Value
------	---------------

Index Keys

Index Key	Sort Order
IdVenta	

DDL Code

```
CREATE UNIQUE INDEX UI_IdVenta ON Ventas (IdVenta)
;
```

IX_FechaVenta

Index Name	IX_FechaVenta
Table Name	Ventas
Physical Only	NO
Fulltext	NO
Index Type	Index
Unique	NO
Index Keys	FechaVenta

Bound Attachments

Name	Current Value
------	---------------

Index Keys

Index Key	Sort Order
FechaVenta	

DDL Code

```
CREATE INDEX IX_FechaVenta ON Ventas (FechaVenta)
;
```

PK15

Index Name	PK15
Table Name	VentasProductos
Physical Only	NO
Fulltext	NO
Index Type	PrimaryKey
Unique	YES
Index Keys	IdVenta,IdProducto,IdRubro,IdCliente,IdEmpleado

Bound Attachments

Name	Current Value
------	---------------

Index Keys

Index Key	Sort Order
IdVenta	
IdProducto	
IdRubro	
IdCliente	
IdEmpleado	

DDL Code

Foreign Key Summary Report

Parent Table	Child Table	Type	No. of Keys
Compras	ComprasProductos	Identifying	3
Productos	ComprasProductos	Identifying	2
Ventas	VentasProductos	Identifying	3
Productos	VentasProductos	Identifying	2
Rubros	Productos	Identifying	1
Personas	Proveedores	Identifying	1
PersonasFisicas	Cientes	Identifying	1
PersonasFisicas	Empleados	Identifying	1
Personas	PersonasFisicas	Identifying	1
Proveedores	Compras	Identifying	1
Empleados	Compras	Identifying	1
Roles	Empleados	Non-Identifying	1
Cientes	Ventas	Identifying	1
Empleados	Ventas	Identifying	1

Foreign Key Detail Reports

Foreign Key: Compras to ComprasProductos

Name	
Name	
Type	Identifying
Do Not Generate	False
Physical Only	NO
Parent Table	Compras
Child Table	ComprasProductos
Cardinality	One To Zero or More
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
-------------	----------------------

Foreign Key Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Keys

Parent Key	Child Key
IdCompra	IdCompra
IdProveedor	IdProveedor
IdEmpleado	IdEmpleado

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Foreign Key: Productos to ComprasProductos

Name	
Name	
Type	Identifying
Do Not Generate	False
Physical Only	NO
Parent Table	Productos
Child Table	ComprasProductos
Cardinality	One To Zero or More
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
------	---------------

Foreign Key Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Keys

Parent Key	Child Key
IdProducto	IdProducto
IdRubro	IdRubro

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Foreign Key: Ventas to VentasProductos

Name	
Name	
Type	Identifying
Do Not Generate	False
Physical Only	NO
Parent Table	Ventas
Child Table	VentasProductos
Cardinality	One To Zero or More
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
------	---------------

Foreign Key Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Keys

Parent Key	Child Key
IdVenta	IdVenta
IdCliente	IdCliente
IdEmpleado	IdEmpleado

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Foreign Key: Productos to VentasProductos

Name	
Name	
Type	Identifying
Do Not Generate	False
Physical Only	NO
Parent Table	Productos
Child Table	VentasProductos
Cardinality	One To Zero or More
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
------	---------------

Foreign Key Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Keys

Parent Key	Child Key
IdProducto	IdProducto
IdRubro	IdRubro

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Foreign Key: Rubros to Productos

Name	
Name	
Type	Identifying
Do Not Generate	False
Physical Only	NO
Parent Table	Rubros
Child Table	Productos
Cardinality	One To Zero or More
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
------	---------------

Foreign Key Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Keys

Parent Key	Child Key
IdRubro	IdRubro

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Foreign Key: Personas to Proveedores

Name	
Name	
Type	Identifying
Do Not Generate	False
Physical Only	NO
Parent Table	Personas
Child Table	Proveedores
Cardinality	One to Zero or One
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
-------------	----------------------

Foreign Key Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Keys

Parent Key	Child Key
IdPersonas	IdProveedor

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Foreign Key: PersonasFisicas to Clientes

Name	
Name	
Type	Identifying
Do Not Generate	False
Physical Only	NO
Parent Table	PersonasFisicas
Child Table	Clientes
Cardinality	One to Zero or One
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
-------------	----------------------

Foreign Key Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Keys

Parent Key	Child Key
IdPersonaFisica	IdCliente

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Foreign Key: PersonasFisicas to Empleados

Name	
Name	
Type	Identifying
Do Not Generate	False
Physical Only	NO
Parent Table	PersonasFisicas
Child Table	Empleados
Cardinality	One to Zero or One
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
------	---------------

Foreign Key Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Keys

Parent Key	Child Key
IdPersonaFisica	IdEmpleado

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Foreign Key: Personas to PersonasFisicas

Name	
Name	
Type	Identifying
Do Not Generate	False
Physical Only	NO
Parent Table	Personas
Child Table	PersonasFisicas
Cardinality	One to Zero or One
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
------	---------------

Foreign Key Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Keys

Parent Key	Child Key
IdPersonas	IdPersonaFisica

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Foreign Key: Proveedores to Compras

Name	
Name	
Type	Identifying
Do Not Generate	False
Physical Only	NO
Parent Table	Proveedores
Child Table	Compras
Cardinality	One To Zero or More
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
-------------	----------------------

Foreign Key Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Keys

Parent Key	Child Key
IdProveedor	IdProveedor

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Foreign Key: Empleados to Compras

Name	
Name	
Type	Identifying
Do Not Generate	False
Physical Only	NO
Parent Table	Empleados
Child Table	Compras
Cardinality	One To Zero or More
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
------	---------------

Foreign Key Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Keys

Parent Key	Child Key
IdEmpleado	IdEmpleado

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Foreign Key: Roles to Empleados

Name	
Name	
Type	Non-Identifying
Do Not Generate	False
Physical Only	NO
Parent Table	Roles
Child Table	Empleados
Cardinality	One To Zero or More
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
------	---------------

Foreign Key Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Keys

Parent Key	Child Key
IdRol	IdRol

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Foreign Key: Clientes to Ventas

Name	
Name	
Type	Identifying
Do Not Generate	False
Physical Only	NO
Parent Table	Clientes
Child Table	Ventas
Cardinality	One To Zero or More
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
------	---------------

Foreign Key Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Keys

Parent Key	Child Key
IdCliente	IdCliente

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Foreign Key: Empleados to Ventas

Name	
Name	
Type	Identifying
Do Not Generate	False
Physical Only	NO
Parent Table	Empleados
Child Table	Ventas
Cardinality	One To Zero or More
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
------	---------------

Foreign Key Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Keys

Parent Key	Child Key
IdEmpleado	IdEmpleado

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None