# Diagrama ER

## Diagrama ER diagram

Entity Relationship diagram in package 'Diagrama ER'

Diagrama ER



1. Diagrama ER

## dbo.asignaciones

Database table in package 'Diagrama ER'

asignaciones

Version 1.0 Phase 1.0 Proposed

cmcha created on 14/10/23. Last modified 14/10/23

DBMS SQL Server 2012

| COLUMN NAME | DATATYPE | NOT NULL | COMMENTS |
| --- | --- | --- | --- |
| id\_asignacion | int | True | Properties:  AutoNum = 1  Increment = 1  NotForRep = 0  property = StartNum=0;AutoNum=1;Increment=1;  StartNum = 0 |
| id\_colaborador | int | True |  |
| id\_sucursal | int | True |  |
| distancia | decimal(4,2) | True |  |

|  |  |  |
| --- | --- | --- |
| PRIMARY KEY NAME | COLUMNS | COMMENTS |
| asignaciones\_PK | id\_asignacion |  |

|  |  |  |
| --- | --- | --- |
| FOREIGN KEY NAME | COLUMNS | REFERENCES |
| asignaciones\_FK | id\_colaborador | dbo.colaboradores(id\_colaborador) |
| asignaciones\_FK\_1 | id\_sucursal | dbo.sucursales(id\_sucursal) |

## dbo.ciudades

Database table in package 'Diagrama ER'

ciudades

Version 1.0 Phase 1.0 Proposed

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DBMS SQL Server 2012

| COLUMN NAME | DATATYPE | NOT NULL | COMMENTS |
| --- | --- | --- | --- |
| id\_ciudad | int | True | Properties:  AutoNum = 1  Increment = 1  NotForRep = 0  property = StartNum=0;AutoNum=1;Increment=1;  StartNum = 0 |
| nombre\_ciudad | varchar(100) | True |  |

|  |  |  |
| --- | --- | --- |
| PRIMARY KEY NAME | COLUMNS | COMMENTS |
| ciudades\_PK | id\_ciudad |  |

## dbo.colaboradores

Database table in package 'Diagrama ER'

colaboradores

Version 1.0 Phase 1.0 Proposed

cmcha created on 14/10/23. Last modified 14/10/23

DBMS SQL Server 2012

| COLUMN NAME | DATATYPE | NOT NULL | COMMENTS |
| --- | --- | --- | --- |
| id\_colaborador | int | True | Properties:  AutoNum = 1  Increment = 1  NotForRep = 0  property = StartNum=0;AutoNum=1;Increment=1;  StartNum = 0 |
| nombre\_colaborador | varchar(50) | True |  |
| apellido\_colaborador | varchar(50) | True |  |
| numero\_identidad\_colaborador | varchar(13) | True |  |
| id\_puesto | int | True |  |

|  |  |  |
| --- | --- | --- |
| PRIMARY KEY NAME | COLUMNS | COMMENTS |
| colaboradores\_PK | id\_colaborador |  |

|  |  |  |
| --- | --- | --- |
| FOREIGN KEY NAME | COLUMNS | REFERENCES |
| colaboradores\_FK\_1 | id\_puesto | dbo.puestos(id\_puesto) |

## dbo.puestos

Database table in package 'Diagrama ER'

puestos

Version 1.0 Phase 1.0 Proposed

cmcha created on 14/10/23. Last modified 14/10/23

DBMS SQL Server 2012

| COLUMN NAME | DATATYPE | NOT NULL | COMMENTS |
| --- | --- | --- | --- |
| id\_puesto | int | True | Properties:  AutoNum = 1  Increment = 1  NotForRep = 0  property = StartNum=0;AutoNum=1;Increment=1;  StartNum = 0 |
| puesto | varchar(100) | True |  |

|  |  |  |
| --- | --- | --- |
| PRIMARY KEY NAME | COLUMNS | COMMENTS |
| puestos\_PK | id\_puesto |  |

## dbo.sucursales

Database table in package 'Diagrama ER'

sucursales

Version 1.0 Phase 1.0 Proposed

cmcha created on 14/10/23. Last modified 14/10/23

DBMS SQL Server 2012

| COLUMN NAME | DATATYPE | NOT NULL | COMMENTS |
| --- | --- | --- | --- |
| id\_sucursal | int | True | Properties:  AutoNum = 1  Increment = 1  NotForRep = 0  property = StartNum=0;AutoNum=1;Increment=1;  StartNum = 0 |
| nombre\_sucursal | varchar(100) | True |  |
| direccion\_sucursal | varchar(200) | True |  |
| id\_ciudad | int | True |  |

|  |  |  |
| --- | --- | --- |
| PRIMARY KEY NAME | COLUMNS | COMMENTS |
| sucursales\_PK | id\_sucursal |  |

|  |  |  |
| --- | --- | --- |
| FOREIGN KEY NAME | COLUMNS | REFERENCES |
| sucursales\_FK | id\_ciudad | dbo.ciudades(id\_ciudad) |

## dbo.sysdiagrams

Database table in package 'Diagrama ER'

sysdiagrams

Version 1.0 Phase 1.0 Proposed

cmcha created on 14/10/23. Last modified 14/10/23

DBMS SQL Server 2012

| COLUMN NAME | DATATYPE | NOT NULL | COMMENTS |
| --- | --- | --- | --- |
| name | sysname | True |  |
| principal\_id | int | True |  |
| diagram\_id | int | True | Properties:  AutoNum = 1  Increment = 1  NotForRep = 0  property = AutoNum=1;StartNum=1;Increment=1;  StartNum = 1 |
| version | int | False |  |
| definition | varbinary(max) | False |  |

|  |  |  |
| --- | --- | --- |
| PRIMARY KEY NAME | COLUMNS | COMMENTS |
| PK\_\_sysdiagr\_\_C2B05B6135A030DB | diagram\_id |  |

## dbo.tarifa

Database table in package 'Diagrama ER'

tarifa

Version 1.0 Phase 1.0 Proposed

cmcha created on 14/10/23. Last modified 14/10/23

DBMS SQL Server 2012

| COLUMN NAME | DATATYPE | NOT NULL | COMMENTS |
| --- | --- | --- | --- |
| id\_tarifa | int | True | Properties:  AutoNum = 1  Increment = 1  NotForRep = 0  property = StartNum=0;AutoNum=1;Increment=1;  StartNum = 0 |
| tarifa | money | True |  |

|  |  |  |
| --- | --- | --- |
| PRIMARY KEY NAME | COLUMNS | COMMENTS |
| tarifa\_PK | id\_tarifa |  |

## dbo.transportistas

Database table in package 'Diagrama ER'

transportistas

Version 1.0 Phase 1.0 Proposed

cmcha created on 14/10/23. Last modified 14/10/23

DBMS SQL Server 2012

| COLUMN NAME | DATATYPE | NOT NULL | COMMENTS |
| --- | --- | --- | --- |
| id\_transportista | int | True | Properties:  AutoNum = 1  Increment = 1  NotForRep = 0  property = StartNum=0;AutoNum=1;Increment=1;  StartNum = 0 |
| nombre\_transportista | varchar(100) | True |  |
| id\_tarifa | int | True |  |
| numero\_identidad\_transportista | varchar(13) | True |  |

|  |  |  |
| --- | --- | --- |
| PRIMARY KEY NAME | COLUMNS | COMMENTS |
| transportistas\_PK | id\_transportista |  |

|  |  |  |
| --- | --- | --- |
| FOREIGN KEY NAME | COLUMNS | REFERENCES |
| transportistas\_FK | id\_tarifa | dbo.tarifa(id\_tarifa) |

## dbo.usuarios

Database table in package 'Diagrama ER'

usuarios

Version 1.0 Phase 1.0 Proposed

cmcha created on 14/10/23. Last modified 14/10/23

DBMS SQL Server 2012

| COLUMN NAME | DATATYPE | NOT NULL | COMMENTS |
| --- | --- | --- | --- |
| nombre\_usuario | varchar(50) | True |  |
| password\_usuario | varchar(40) | True |  |
| id\_colaborador | int | True |  |

|  |  |  |
| --- | --- | --- |
| PRIMARY KEY NAME | COLUMNS | COMMENTS |
| usuarios\_PK | nombre\_usuario |  |

|  |  |  |
| --- | --- | --- |
| FOREIGN KEY NAME | COLUMNS | REFERENCES |
| usuarios\_FK | id\_colaborador | dbo.colaboradores(id\_colaborador) |

## dbo.viajes\_detalle

Database table in package 'Diagrama ER'

viajes\_detalle

Version 1.0 Phase 1.0 Proposed

cmcha created on 14/10/23. Last modified 14/10/23

DBMS SQL Server 2012

| COLUMN NAME | DATATYPE | NOT NULL | COMMENTS |
| --- | --- | --- | --- |
| id\_viaje\_detalle | int | True | Properties:  AutoNum = 1  Increment = 1  NotForRep = 0  property = StartNum=0;AutoNum=1;Increment=1;  StartNum = 0 |
| id\_viaje\_encabezado | int | True |  |
| id\_colaborador | int | True |  |
| id\_asignacion | int | False |  |

|  |  |  |
| --- | --- | --- |
| PRIMARY KEY NAME | COLUMNS | COMMENTS |
| viajes\_detalle\_PK | id\_viaje\_detalle |  |

|  |  |  |
| --- | --- | --- |
| FOREIGN KEY NAME | COLUMNS | REFERENCES |
| viajes\_detalle\_FK\_2 | id\_asignacion | dbo.asignaciones(id\_asignacion) |
| viajes\_detalle\_FK\_1 | id\_colaborador | dbo.colaboradores(id\_colaborador) |
| viajes\_detalle\_FK | id\_viaje\_encabezado | dbo.viajes\_encabezado(id\_viaje\_encabezado) |

## dbo.viajes\_encabezado

Database table in package 'Diagrama ER'

viajes\_encabezado

Version 1.0 Phase 1.0 Proposed

cmcha created on 14/10/23. Last modified 14/10/23

DBMS SQL Server 2012

| COLUMN NAME | DATATYPE | NOT NULL | COMMENTS |
| --- | --- | --- | --- |
| id\_viaje\_encabezado | int | True | Properties:  AutoNum = 1  Increment = 1  NotForRep = 0  property = StartNum=0;AutoNum=1;Increment=1;  StartNum = 0 |
| id\_colaborador | int | True |  |
| id\_transportista | int | True |  |
| fecha\_viaje | date | True |  |
| total\_viaje | money | True |  |

|  |  |  |
| --- | --- | --- |
| PRIMARY KEY NAME | COLUMNS | COMMENTS |
| viajes\_encabezado\_PK | id\_viaje\_encabezado |  |

|  |  |  |
| --- | --- | --- |
| FOREIGN KEY NAME | COLUMNS | REFERENCES |
| viajes\_encabezado\_FK | id\_colaborador | dbo.colaboradores(id\_colaborador) |
| viajes\_encabezado\_FK\_1 | id\_transportista | dbo.transportistas(id\_transportista) |