

TALLER TRANSFORMACIONES

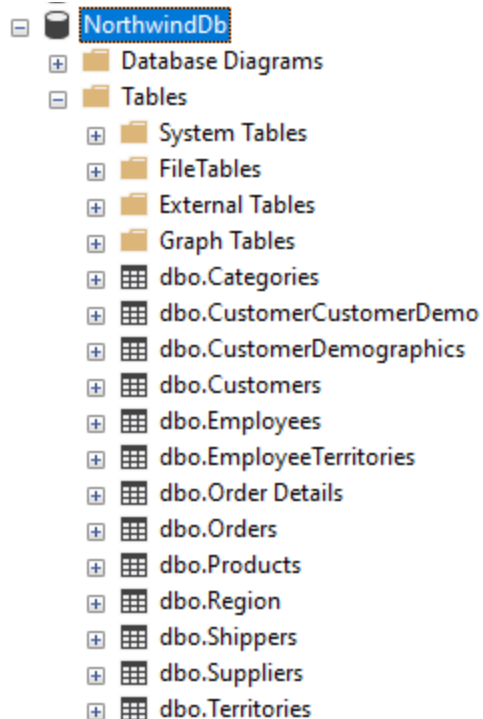
Realizado por:

Daniel Stiven Fino Guerrero

Cod: 219034167

Parte 1

Creación y restauración de la base de datos **NorthwindDB**



Relaciones entre las tablas:

- Employees & Territories: many to many
- Employees: Self reference relationship
- Territories & Region:
- Employees & Orders: One to many
- Orders & Shippers: One to one
- Orders & Customers:
- Orders & OrderDetails
- Customer & CustomerDemographics: many to many
- Products & Categories
- Products & Suppliers
- Products & OrderDetails

Query: select t.TerritoryID, t.TerritoryDescription, r.RegionDescription
from Territories t
inner join Region r on t.RegionID = r.RegionID;

	TerritoryID	TerritoryDescription	RegionDescription
1	01581	Westboro	Eastern
2	01730	Bedford	Eastern
3	01833	Georgetow	Eastern
4	02116	Boston	Eastern
5	02139	Cambridge	Eastern
6	02184	Braintree	Eastern
7	02903	Providence	Eastern
8	03049	Hollis	Northern
9	03801	Portsmouth	Northern
10	06897	Wilton	Eastern
11	07960	Monistown	Eastern
12	08837	Edison	Eastern
13	10019	New York	Eastern
14	10038	New York	Eastern
15	11747	Mellville	Eastern
16	14450	Fairport	Eastern
17	19428	Philadelphia	Northern
18	19713	Neward	Eastern
19	20852	Rockville	Eastern

Para obtener el detalle de todos los campos del empleado (Employees), y el ID del territorio al que pertenece (TerritoryID), ejecutar la siguiente consulta

Query:

SELECT et.TerritoryID, e.*
FROM Employees e
INNER JOIN EmployeeTerritories et
ON e.EmployeeID = et.EmployeeID;

	TerritoryID	EmployeeID	LastName	FirstName	Title	TitleOfCourtesy	BirthDate	HireDate	Address	City	Region	PostalCode	Country	Home
1	06897	1	Davolio	Nancy	Sales Representative	Ms.	1948-12-08 00:00:00.000	1992-05-01 00:00:00.000	507 - 20th Ave. E Apt. 2A	Seattle	WA	98122	USA	(206)
2	19713	1	Davolio	Nancy	Sales Representative	Ms.	1948-12-08 00:00:00.000	1992-05-01 00:00:00.000	507 - 20th Ave. E Apt. 2A	Seattle	WA	98122	USA	(206)
3	01581	2	Fuller	Andrew	Vice President, Sales	Dr.	1952-02-19 00:00:00.000	1992-08-14 00:00:00.000	908 W. Capital Way	Tacoma	WA	98401	USA	(206)
4	01730	2	Fuller	Andrew	Vice President, Sales	Dr.	1952-02-19 00:00:00.000	1992-08-14 00:00:00.000	908 W. Capital Way	Tacoma	WA	98401	USA	(206)
5	01833	2	Fuller	Andrew	Vice President, Sales	Dr.	1952-02-19 00:00:00.000	1992-08-14 00:00:00.000	908 W. Capital Way	Tacoma	WA	98401	USA	(206)
6	02116	2	Fuller	Andrew	Vice President, Sales	Dr.	1952-02-19 00:00:00.000	1992-08-14 00:00:00.000	908 W. Capital Way	Tacoma	WA	98401	USA	(206)
7	02139	2	Fuller	Andrew	Vice President, Sales	Dr.	1952-02-19 00:00:00.000	1992-08-14 00:00:00.000	908 W. Capital Way	Tacoma	WA	98401	USA	(206)
8	02184	2	Fuller	Andrew	Vice President, Sales	Dr.	1952-02-19 00:00:00.000	1992-08-14 00:00:00.000	908 W. Capital Way	Tacoma	WA	98401	USA	(206)
9	40222	2	Fuller	Andrew	Vice President, Sales	Dr.	1952-02-19 00:00:00.000	1992-08-14 00:00:00.000	908 W. Capital Way	Tacoma	WA	98401	USA	(206)
10	30346	3	Leverling	Janet	Sales Representative	Ms.	1963-08-30 00:00:00.000	1992-04-01 00:00:00.000	722 Moss Bay Blvd.	Kirkland	WA	98033	USA	(206)
11	31406	3	Leverling	Janet	Sales Representative	Ms.	1963-08-30 00:00:00.000	1992-04-01 00:00:00.000	722 Moss Bay Blvd.	Kirkland	WA	98033	USA	(206)
12	32859	3	Leverling	Janet	Sales Representative	Ms.	1963-08-30 00:00:00.000	1992-04-01 00:00:00.000	722 Moss Bay Blvd.	Kirkland	WA	98033	USA	(206)
13	33607	3	Leverling	Janet	Sales Representative	Ms.	1963-08-30 00:00:00.000	1992-04-01 00:00:00.000	722 Moss Bay Blvd.	Kirkland	WA	98033	USA	(206)
14	20852	4	Peacock	Margaret	Sales Representative	Mrs.	1937-09-19 00:00:00.000	1993-05-03 00:00:00.000	4110 Old Redmond Rd.	Redmond	WA	98052	USA	(206)
15	27403	4	Peacock	Margaret	Sales Representative	Mrs.	1937-09-19 00:00:00.000	1993-05-03 00:00:00.000	4110 Old Redmond Rd.	Redmond	WA	98052	USA	(206)
16	27511	4	Peacock	Margaret	Sales Representative	Mrs.	1937-09-19 00:00:00.000	1993-05-03 00:00:00.000	4110 Old Redmond Rd.	Redmond	WA	98052	USA	(206)
17	02903	5	Buchanan	Steven	Sales Manager	Mr.	1955-03-04 00:00:00.000	1993-10-17 00:00:00.000	14 Garrett Hill	London	NULL	SW1 8JR	UK	(71) !
18	07960	5	Buchanan	Steven	Sales Manager	Mr.	1955-03-04 00:00:00.000	1993-10-17 00:00:00.000	14 Garrett Hill	London	NULL	SW1 8JR	UK	(71) !

Para obtener adicionalmente la descripción del territorio (TerritoryDescription), ejecutar la siguiente consulta

Query:

```
SELECT et.TerritoryID,t.TerritoryDescription, e.*
FROM Employees e
INNER JOIN EmployeeTerritories et
ON e.EmployeeID = et.EmployeeID
INNER JOIN Territories t
on et.TerritoryID = t.TerritoryID;
```

	TerritoryID	TerritoryDescription	EmployeeID	LastName	FirstName	Title	TitleOfCourtesy	BirthDate	HireDate	Address	City	Region	PostalCo
1	06897	Wilton	1	Davolio	Nancy	Sales Representative	Ms.	1948-12-08 00:00:00.000	1992-05-01 00:00:00.000	507 - 20th Ave. E Apt. 2A	Seattle	WA	98122
2	19713	Neward	1	Davolio	Nancy	Sales Representative	Ms.	1948-12-08 00:00:00.000	1992-05-01 00:00:00.000	507 - 20th Ave. E Apt. 2A	Seattle	WA	98122
3	01581	Westboro	2	Fuller	Andrew	Vice President, Sales	Dr.	1952-02-19 00:00:00.000	1992-08-14 00:00:00.000	908 W. Capital Way	Tacoma	WA	98401
4	01730	Bedford	2	Fuller	Andrew	Vice President, Sales	Dr.	1952-02-19 00:00:00.000	1992-08-14 00:00:00.000	908 W. Capital Way	Tacoma	WA	98401
5	01833	Georgetow	2	Fuller	Andrew	Vice President, Sales	Dr.	1952-02-19 00:00:00.000	1992-08-14 00:00:00.000	908 W. Capital Way	Tacoma	WA	98401
6	02116	Boston	2	Fuller	Andrew	Vice President, Sales	Dr.	1952-02-19 00:00:00.000	1992-08-14 00:00:00.000	908 W. Capital Way	Tacoma	WA	98401
7	02139	Cambridge	2	Fuller	Andrew	Vice President, Sales	Dr.	1952-02-19 00:00:00.000	1992-08-14 00:00:00.000	908 W. Capital Way	Tacoma	WA	98401
8	02184	Braintree	2	Fuller	Andrew	Vice President, Sales	Dr.	1952-02-19 00:00:00.000	1992-08-14 00:00:00.000	908 W. Capital Way	Tacoma	WA	98401
9	40222	Louisville	2	Fuller	Andrew	Vice President, Sales	Dr.	1952-02-19 00:00:00.000	1992-08-14 00:00:00.000	908 W. Capital Way	Tacoma	WA	98401
10	30346	Atlanta	3	Leverling	Janet	Sales Representative	Ms.	1963-08-30 00:00:00.000	1992-04-01 00:00:00.000	722 Moss Bay Blvd.	Kirkland	WA	98033
11	31406	Savannah	3	Leverling	Janet	Sales Representative	Ms.	1963-08-30 00:00:00.000	1992-04-01 00:00:00.000	722 Moss Bay Blvd.	Kirkland	WA	98033
12	32859	Orlando	3	Leverling	Janet	Sales Representative	Ms.	1963-08-30 00:00:00.000	1992-04-01 00:00:00.000	722 Moss Bay Blvd.	Kirkland	WA	98033
13	33607	Tampa	3	Leverling	Janet	Sales Representative	Ms.	1963-08-30 00:00:00.000	1992-04-01 00:00:00.000	722 Moss Bay Blvd.	Kirkland	WA	98033
14	20852	Rockville	4	Peacock	Margaret	Sales Representative	Mrs.	1937-09-19 00:00:00.000	1993-05-03 00:00:00.000	4110 Old Redmond Rd.	Redmond	WA	98052
15	27403	Greensboro	4	Peacock	Margaret	Sales Representative	Mrs.	1937-09-19 00:00:00.000	1993-05-03 00:00:00.000	4110 Old Redmond Rd.	Redmond	WA	98052
16	27511	Cary	4	Peacock	Margaret	Sales Representative	Mrs.	1937-09-19 00:00:00.000	1993-05-03 00:00:00.000	4110 Old Redmond Rd.	Redmond	WA	98052
17	02903	Providence	5	Buchanan	Steven	Sales Manager	Mr.	1955-03-04 00:00:00.000	1993-10-17 00:00:00.000	14 Garrett Hill	London	NULL	SW1 8J
18	07960	Morristown	5	Buchanan	Steven	Sales Manager	Mr.	1955-03-04 00:00:00.000	1993-10-17 00:00:00.000	14 Garrett Hill	London	NULL	SW1 8J