



TECNOLÓGICO
NACIONAL DE MÉXICO



Instituto Tecnológico de Culiacán

Taller de Base de datos

8-9 AM

Unidad 2

Tarea 3 - Familia de vistas de Northwind

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1. Vista: **vw_products**

Tablas utilizadas: products, categories, suppliers

```
CREATE VIEW VW_PRODUCTS AS
SELECT
--PRODUCTS
P.ProductID, P.ProductName,P.QuantityPerUnit,P.UnitPrice AS
ProductUnitPrice,P.UnitsInStock,P.UnitsOnOrder,
P.ReorderLevel,P.Discontinued,
--SUPPLIERS
S.SupplierID,S.CompanyName,S.ContactName AS SupplierContactName,S.ContactTitle AS
SupplierContactTitle,
S.Address AS SupplierAddress,S.City AS SupplierCity,S.Region AS
SupplierRegion,S.PostalCode AS SupplierPostalCode,
S.Country AS SupplierCountry,S.Phone AS SupplierPhone,S.Fax AS
SupplierFax,S.HomePage,
--CATEGORIES
C.CategoryID,C.CategoryName,C.Description,C.Picture
FROM PRODUCTS P
INNER JOIN SUPPLIERS S ON P.SupplierID = S.SupplierID
INNER JOIN CATEGORIES C ON P.CategoryID = C.CategoryID
GO
```

2. Vista: **vw_orders**

Tablas utilizadas: orders, employees, shippers, customers

```
CREATE VIEW VW_ORDERS AS
SELECT
--ORDERS
O.OrderID,O.OrderDate,O.RequiredDate,O.ShippedDate,O.Freight,O.ShipName,O.ShipAddress,
O.ShipCity,O.ShipRegion,
O.ShipPostalCode,O.ShipCountry,
--EMPLOYEES
E.EmployeeID,E.LastName,E.FirstName,E.Title,E.TitleOfCourtesy,E.BirthDate,E.HireDate,
E.Address AS EmployeesAddress,
E.City AS EmployeesCity,E.Region AS EmployeesRegion,E.PostalCode AS
EmployeesPostalCode,E.Country AS EmployeesCountry,
E.HomePhone,E.Extension,E.Photo,E.Notes,E.ReportsTo,E.PhotoPath,
--CUSTOMERS
C.CustomerID,C.CompanyName AS CustomersCompanyName,C.ContactName AS
CustomersContactName,C.ContactTitle AS CustomersContactTitle,
C.Address AS CustomersAddress,C.City AS CustomersCity,C.Region AS
CustomersRegion,C.PostalCode AS CustomersPostalCode,
C.Country AS CustomersCountry,C.Phone AS CustomersPhone,C.Fax AS CustomersFax,
--SHIPPER
S.ShipperID,S.CompanyName AS ShipperCompanyName,S.Phone AS ShipperPhone
FROM ORDERS O
INNER JOIN EMPLOYEES E ON O.EmployeeID = E.EmployeeID
INNER JOIN CUSTOMERS C ON O.CustomerID = C.CustomerID
INNER JOIN SHIPPERS S ON O.ShipVia = S.ShipperID
GO
```

3. Vista: **vw_orderdetails**

Tablas utilizadas: [order details], vw_orders , vw_products

```
CREATE VIEW VW_ORDER_DETAILS AS
SELECT
--ORDER DETAILS
OD.ProductID,OD.OrderID,OD.UnitPrice AS
OrderDetailsUnitPrice,OD.Quantity,OD.Discount,
--VW_ORDERS
VWO.OrderDate,VWO.RequiredDate,VWO.ShippedDate,VWO.Freight,VWO.ShipName,
VWO.ShipAddress,VWO.ShipCity,VWO.ShipRegion,VWO.ShipPostalCode,VWO.ShipCountry,
VWO.EmployeeID,VWO.LastName,VWO.FirstName,VWO.Title,VWO.TitleOfCourtesy,VWO.BirthDate,
VWO.HireDate,VWO.EmployeesAddress,VWO.EmployeesCity,VWO.EmployeesRegion,VWO.EmployeesPostalCode,VWO.EmployeesCountry,VWO.HomePhone,
VWO.Extension,VWO.Photo,VWO.Notes,VWO.ReportsTo,VWO.PhotoPath,
VWO.CustomerID,VWO.CustomersCompanyName,VWO.CustomersContactName,VWO.CustomersContactTitle,VWO.CustomersAddress,VWO.CustomersCity,
VWO.CustomersRegion,VWO.CustomersPostalCode,VWO.CustomersCountry,VWO.CustomersPhone,
VWO.CustomersFax,
VWO.ShipperID,VWO.ShipperCompanyName,VWO.ShipperPhone,
--VW_PRODUCTS
VWP.ProductName,VWP.QuantityPerUnit,VWP.ProductUnitPrice,VWP.UnitsInStock,VWP.UnitsOnOrder,VWP.ReorderLevel,VWP.Discontinued,
VWP.SupplierID,VWP.CompanyName,VWP.SupplierContactName,VWP.SupplierContactTitle,VWP.SupplierAddress,VWP.SupplierCity,VWP.SupplierRegion,
VWP.SupplierPostalCode,VWP.SupplierCountry,VWP.SupplierPhone,VWP.SupplierFax,VWP.HomePage,
VWP.CategoryID,VWP.CategoryName,VWP.Description,VWP.Picture
FROM [ORDER DETAILS] OD
INNER JOIN VW_ORDERS VWO ON OD.OrderID = VWO.OrderID
INNER JOIN VW_PRODUCTS VWP ON OD.ProductID = VWP.ProductID
GO
```

Suplementarias

4. Vista: **vw_territories**

Tablas utilizadas: territories, región

```
CREATE VIEW VW_TERRITORIES AS
SELECT
T.TERRITORYID, T.TERRITORYDESCRIPTION,
R.REGIONID, R.REGIONDESCRIPTION
FROM TERRITORIES T
INNER JOIN REGION R ON T.REGIONID = R.REGIONID
GO
```

5. Vista: **vw_employeeterritories**

Tablas utilizadas: EmployeeTerritories, vw_Territories, Employees

```
CREATE VIEW VW_EMPLOYEE TERRITORIES AS
SELECT
ET.EMPLOYEEID AS EMPLOYEE TERRITORYID,
T.TERRITORYID, T.TERRITORY DESCRIPTION,
T.REGIONID, T.REGION DESCRIPTION,
E.EMPLOYEEID AS EMPLOYEEID, E.LASTNAME, E.FIRSTNAME, E.TITLE, E.TITLE OF COURTESY,
E.BIRTHDATE, E.HIREDATE, E.ADDRESS,
E.CITY, E.REGION, E.POSTAL CODE, E.COUNTRY, E.HOME PHONE, E.EXTENSION, E.PHOTO, E.NOTES,
E.REPORTSTO, E.PHOTO PATH
FROM EMPLOYEE TERRITORIES ET
INNER JOIN VW TERRITORIES T ON ET.TERRITORYID = T.TERRITORYID
INNER JOIN EMPLOYEES E ON ET.EMPLOYEEID = E.EMPLOYEEID
GO
```