

SSW SQL Auditor - Database Optimization Report

SQL Server Connection String:

```
;Integrated Security=SSPI;Persist Security Info=False;Initial Catalog=SSWSQLAuditorNorthwindSample;Data Source=(local);Connect Timeout=5;
```

General

Name	Title	Summary
Alphabetical list of products	[Rule 001] Object names should not contain spaces	View [Alphabetical list of products]
Average Product Sale Quantity	[Rule 001] Object names should not contain spaces	User-Defined Function [Average Product Sale Quantity]
Browse Products	[Rule 001] Object names should not contain spaces	Table [Browse Products]
Category Sales for 1997	[Rule 001] Object names should not contain spaces	View [Category Sales for 1997]
Current Product List	[Rule 001] Object names should not contain spaces	View [Current Product List]
Customer and Suppliers by City	[Rule 001] Object names should not contain spaces	View [Customer and Suppliers by City]
Employee Sales by Country	[Rule 001] Object names should not contain spaces	Stored Procedure [Employee Sales by Country]
Order Details	[Rule 001] Object names should not contain spaces	Table [Order Details]
Order Details Extended	[Rule 001] Object names should not contain spaces	View [Order Details Extended]
Order Subtotals	[Rule 001] Object names should not contain spaces	View [Order Subtotals]
Orders Qry	[Rule 001] Object names should not contain spaces	View [Orders Qry]
Product Name	[Rule 001] Object names should not contain spaces	Column [Product Name] of table [Browse Products]
Product Sales for 1997	[Rule 001] Object names should not contain spaces	View [Product Sales for 1997]
Products Above Average Price	[Rule 001] Object names should not contain spaces	View [Products Above Average Price]
Products by Category	[Rule 001] Object names should not contain spaces	View [Products by Category]
Quarterly Orders	[Rule 001] Object names should not contain spaces	View [Quarterly Orders]
Sales by Category	[Rule 001] Object names should not contain spaces	View [Sales by Category]
Sales by Year New	[Rule 001] Object names should not contain spaces	Stored Procedure [Sales by Year New]

Sales Totals by Amount	[Rule 001] Object names should not contain spaces	View [Sales Totals by Amount]
Summary of Sales by Quarter	[Rule 001] Object names should not contain spaces	View [Summary of Sales by Quarter]
Summary of Sales by Year	[Rule 001] Object names should not contain spaces	View [Summary of Sales by Year]
Ten Most Expensive Products	[Rule 001] Object names should not contain spaces	Stored Procedure [Ten Most Expensive Products]
Unit Price	[Rule 001] Object names should not contain spaces	Column [Unit Price] of table [Browse Products]
Browse	[Rule 002] Usage of SQL Server reserved words	Table [Browse]

Data Structure

Name	Title	Summary
Country	[Rule 101] Columns using the Unicode data type of nchar	Country
Country	[Rule 101] Columns using the Unicode data type of nchar	CountryID
CustomerCustomerDemo	[Rule 101] Columns using the Unicode data type of nchar	CustomerID
CustomerCustomerDemo	[Rule 101] Columns using the Unicode data type of nchar	CustomerTypeID
CustomerDemographicInformation	[Rule 101] Columns using the Unicode data type of nchar	CustomerTypeID
Customers	[Rule 101] Columns using the Unicode data type of nchar	CountryID
Customers	[Rule 101] Columns using the Unicode data type of nchar	CustomerID
Orders	[Rule 101] Columns using the Unicode data type of nchar	CustomerID
Region	[Rule 101] Columns using the Unicode data type of nchar	RegionDescription
Shippers	[Rule 101] Columns using the Unicode data type of nchar	CountryID
Territories	[Rule 101] Columns using the Unicode data type of nchar	TerritoryDescription
Browse	[Rule 102] Columns using the Unicode data type of nvarchar	ProductName
Browse	[Rule 102] Columns using the Unicode data type of nvarchar	QuantityPerUnit
Browse Products	[Rule 102] Columns using the Unicode data type of nvarchar	Product Name
Browse Products	[Rule 102] Columns using the Unicode data type of nvarchar	QuantityPerUnit

Categories	[Rule 102] Columns using the Unicode data type of nvarchar	CategoryName
Country	[Rule 102] Columns using the Unicode data type of nvarchar	SpeakingLanguage
Customers	[Rule 102] Columns using the Unicode data type of nvarchar	Address
Customers	[Rule 102] Columns using the Unicode data type of nvarchar	City
Customers	[Rule 102] Columns using the Unicode data type of nvarchar	CompanyName
Customers	[Rule 102] Columns using the Unicode data type of nvarchar	ContactName
Customers	[Rule 102] Columns using the Unicode data type of nvarchar	ContactTitle
Customers	[Rule 102] Columns using the Unicode data type of nvarchar	Fax
Customers	[Rule 102] Columns using the Unicode data type of nvarchar	Phone
Customers	[Rule 102] Columns using the Unicode data type of nvarchar	PostalCode
Customers	[Rule 102] Columns using the Unicode data type of nvarchar	Region
Employees	[Rule 102] Columns using the Unicode data type of nvarchar	Address
Employees	[Rule 102] Columns using the Unicode data type of nvarchar	City
Employees	[Rule 102] Columns using the Unicode data type of nvarchar	CountryID
Employees	[Rule 102] Columns using the Unicode data type of nvarchar	Extension
Employees	[Rule 102] Columns using the Unicode data type of nvarchar	FirstName
Employees	[Rule 102] Columns using the Unicode data type of nvarchar	HomePhone
Employees	[Rule 102] Columns using the Unicode data type of nvarchar	LastName
Employees	[Rule 102] Columns using the Unicode data type of nvarchar	PhotoPath
Employees	[Rule 102] Columns using the Unicode data type of nvarchar	PostalCode
Employees	[Rule 102] Columns using the Unicode data type of nvarchar	Region
Employees	[Rule 102] Columns using the Unicode data type of nvarchar	Title
Employees	[Rule 102] Columns using the Unicode data type of nvarchar	TitleOfCourtesy

EmployeeTerritories	[Rule 102] Columns using the Unicode data type of nvarchar	TerritoryID
Orders	[Rule 102] Columns using the Unicode data type of nvarchar	ShipAddress
Orders	[Rule 102] Columns using the Unicode data type of nvarchar	ShipCity
Orders	[Rule 102] Columns using the Unicode data type of nvarchar	ShipCountry
Orders	[Rule 102] Columns using the Unicode data type of nvarchar	ShipName
Orders	[Rule 102] Columns using the Unicode data type of nvarchar	ShipPostalCode
Orders	[Rule 102] Columns using the Unicode data type of nvarchar	ShipRegion
Products	[Rule 102] Columns using the Unicode data type of nvarchar	ProductName
Products	[Rule 102] Columns using the Unicode data type of nvarchar	QuantityPerUnit
Shippers	[Rule 102] Columns using the Unicode data type of nvarchar	CompanyName
Shippers	[Rule 102] Columns using the Unicode data type of nvarchar	Phone
Suppliers	[Rule 102] Columns using the Unicode data type of nvarchar	Address
Suppliers	[Rule 102] Columns using the Unicode data type of nvarchar	City
Suppliers	[Rule 102] Columns using the Unicode data type of nvarchar	CompanyName
Suppliers	[Rule 102] Columns using the Unicode data type of nvarchar	ContactName
Suppliers	[Rule 102] Columns using the Unicode data type of nvarchar	ContactTitle
Suppliers	[Rule 102] Columns using the Unicode data type of nvarchar	CountryID
Suppliers	[Rule 102] Columns using the Unicode data type of nvarchar	Fax
Suppliers	[Rule 102] Columns using the Unicode data type of nvarchar	Phone
Suppliers	[Rule 102] Columns using the Unicode data type of nvarchar	PostalCode
Suppliers	[Rule 102] Columns using the Unicode data type of nvarchar	Region
Territories	[Rule 102] Columns using the Unicode data type of nvarchar	TerritoryID
_zsDataVersion	[Rule 103] Columns using the Unicode data type of ntext	Note

Categories	[Rule 103] Columns using the Unicode data type of ntext	Description
CustomerDemographicInformation	[Rule 103] Columns using the Unicode data type of ntext	CustomerDesc
Suppliers	[Rule 103] Columns using the Unicode data type of ntext	HomePage
Employees	[Rule 104] Columns using datetime datatype when data could be stored in a smalldatetime column	BirthDate
Employees	[Rule 104] Columns using datetime datatype when data could be stored in a smalldatetime column	HireDate
Orders	[Rule 104] Columns using datetime datatype when data could be stored in a smalldatetime column	OrderDate
Orders	[Rule 104] Columns using datetime datatype when data could be stored in a smalldatetime column	RequiredDate
Orders	[Rule 104] Columns using datetime datatype when data could be stored in a smalldatetime column	ShippedDate
Browse Products	[Rule 105] Columns using bit datatype and allowing NULL values	Discontinued
Categories	[Rule 106] Columns with RowGuid datatype and an Index	Column: [rowguid], Index: [IX_Categories_rowguid]
Employees	[Rule 106] Columns with RowGuid datatype and an Index	Column: [rowguid], Index: [IX_Employees_rowguid]
_zsDataVersion	[Rule 107] Tables missing Clustered Index	Table: [_zsDataVersion] does not have Clustered Index
ApplicationSettingsStorage	[Rule 107] Tables missing Clustered Index	Table: [ApplicationSettingsStorage] does not have Clustered Index
CustomerCustomerDemo	[Rule 107] Tables missing Clustered Index	Table: [CustomerCustomerDemo] does not have Clustered Index
CustomerDemographicInformation	[Rule 107] Tables missing Clustered Index	Table: [CustomerDemographicInformation] does not have Clustered Index
EmployeeTerritories	[Rule 107] Tables missing Clustered Index	Table: [EmployeeTerritories] does not have Clustered Index
Products	[Rule 107] Tables missing Clustered Index	Table: [Products] does not have Clustered Index
Region	[Rule 107] Tables missing Clustered Index	Table: [Region] does not have Clustered Index
Territories	[Rule 107] Tables missing Clustered Index	Table: [Territories] does not have Clustered Index
_zsDataVersion	[Rule 108] Tables missing Timestamp Column (configure Timestamp column name in the Timestamp Wizard)	Table [_zsDataVersion] does not have column with Timestamp datatype
ApplicationSettingsStorage	[Rule 108] Tables missing Timestamp Column (configure Timestamp column name in the Timestamp Wizard)	Table [ApplicationSettingsStorage] does not have column with Timestamp datatype

Browse	[Rule 108] Tables missing Timestamp Column (configure Timestamp column name in the Timestamp Wizard)	Table [Browse] does not have column with Timestamp datatype
Browse Products	[Rule 108] Tables missing Timestamp Column (configure Timestamp column name in the Timestamp Wizard)	Table [Browse Products] does not have column with Timestamp datatype
Categories	[Rule 108] Tables missing Timestamp Column (configure Timestamp column name in the Timestamp Wizard)	Table [Categories] does not have column with Timestamp datatype
Country	[Rule 108] Tables missing Timestamp Column (configure Timestamp column name in the Timestamp Wizard)	Table [Country] does not have column with Timestamp datatype
CustomerCustomerDemo	[Rule 108] Tables missing Timestamp Column (configure Timestamp column name in the Timestamp Wizard)	Table [CustomerCustomerDemo] does not have column with Timestamp datatype
CustomerDemographicInformation	[Rule 108] Tables missing Timestamp Column (configure Timestamp column name in the Timestamp Wizard)	Table [CustomerDemographicInformation] does not have column with Timestamp datatype
Customers	[Rule 108] Tables missing Timestamp Column (configure Timestamp column name in the Timestamp Wizard)	Table [Customers] does not have column with Timestamp datatype
Employees	[Rule 108] Tables missing Timestamp Column (configure Timestamp column name in the Timestamp Wizard)	Table [Employees] does not have column with Timestamp datatype
EmployeeTerritories	[Rule 108] Tables missing Timestamp Column (configure Timestamp column name in the Timestamp Wizard)	Table [EmployeeTerritories] does not have column with Timestamp datatype
Order Details	[Rule 108] Tables missing Timestamp Column (configure Timestamp column name in the Timestamp Wizard)	Table [Order Details] does not have column with Timestamp datatype
Orders	[Rule 108] Tables missing Timestamp Column (configure Timestamp column name in the Timestamp Wizard)	Table [Orders] does not have column with Timestamp datatype
Products	[Rule 108] Tables missing Timestamp Column (configure Timestamp column name in the Timestamp Wizard)	Table [Products] does not have column with Timestamp datatype
Region	[Rule 108] Tables missing Timestamp Column (configure Timestamp column name in the Timestamp Wizard)	Table [Region] does not have column with Timestamp datatype
Shippers	[Rule 108] Tables missing Timestamp Column (configure Timestamp column name in the Timestamp Wizard)	Table [Shippers] does not have column with Timestamp datatype
Suppliers	[Rule 108] Tables missing Timestamp Column (configure Timestamp column name in the Timestamp Wizard)	Table [Suppliers] does not have column with Timestamp datatype
Territories	[Rule 108] Tables missing Timestamp Column (configure Timestamp column name in the Timestamp Wizard)	Table [Territories] does not have column with Timestamp datatype
_zsDataVersion	[Rule 109] Tables missing "Standard Columns" (configure in Tools>Options)	DateUpdated,SSWTimestamp

ApplicationSettingsStorage	[Rule 109] Tables missing "Standard Columns" (configure in Tools>Options)	DateCreated,DateUpdated,EmpUpdated,SSWTimestamp
Browse	[Rule 109] Tables missing "Standard Columns" (configure in Tools>Options)	DateCreated,DateUpdated,EmpUpdated,SSWTimestamp
Browse Products	[Rule 109] Tables missing "Standard Columns" (configure in Tools>Options)	DateCreated,DateUpdated,EmpUpdated,SSWTimestamp
Categories	[Rule 109] Tables missing "Standard Columns" (configure in Tools>Options)	DateCreated,DateUpdated,EmpUpdated,SSWTimestamp
Country	[Rule 109] Tables missing "Standard Columns" (configure in Tools>Options)	DateCreated,DateUpdated,EmpUpdated,SSWTimestamp
CustomerCustomerDemo	[Rule 109] Tables missing "Standard Columns" (configure in Tools>Options)	DateCreated,DateUpdated,EmpUpdated,SSWTimestamp
CustomerDemographicInformation	[Rule 109] Tables missing "Standard Columns" (configure in Tools>Options)	DateCreated,DateUpdated,EmpUpdated,SSWTimestamp
Customers	[Rule 109] Tables missing "Standard Columns" (configure in Tools>Options)	DateCreated,DateUpdated,EmpUpdated,SSWTimestamp
Employees	[Rule 109] Tables missing "Standard Columns" (configure in Tools>Options)	DateCreated,DateUpdated,EmpUpdated,SSWTimestamp
EmployeeTerritories	[Rule 109] Tables missing "Standard Columns" (configure in Tools>Options)	DateCreated,DateUpdated,EmpUpdated,SSWTimestamp
Order Details	[Rule 109] Tables missing "Standard Columns" (configure in Tools>Options)	DateCreated,DateUpdated,EmpUpdated,SSWTimestamp
Orders	[Rule 109] Tables missing "Standard Columns" (configure in Tools>Options)	DateCreated,DateUpdated,EmpUpdated,SSWTimestamp
Products	[Rule 109] Tables missing "Standard Columns" (configure in Tools>Options)	DateCreated,DateUpdated,EmpUpdated,SSWTimestamp
Region	[Rule 109] Tables missing "Standard Columns" (configure in Tools>Options)	DateCreated,DateUpdated,EmpUpdated,SSWTimestamp
Shippers	[Rule 109] Tables missing "Standard Columns" (configure in Tools>Options)	DateCreated,DateUpdated,EmpUpdated,SSWTimestamp
Suppliers	[Rule 109] Tables missing "Standard Columns" (configure in Tools>Options)	DateCreated,DateUpdated,EmpUpdated,SSWTimestamp
Territories	[Rule 109] Tables missing "Standard Columns" (configure in Tools>Options)	DateCreated,DateUpdated,EmpUpdated,SSWTimestamp
Employees	[Rule 110] Maximum row size for a table larger than SQL Server data page size (8060 bytes)	Table has a maximum row size of 9072 bytes
ApplicationSettingsStorage	[Rule 111] Table names longer than 24 characters	26
CustomerDemographicInformation	[Rule 111] Table names longer than 24 characters	30
Browse	[Rule 112] Columns using bit datatype. Recommended to use smallint instead	Discontinued
Browse Products	[Rule 112] Columns using bit datatype. Recommended to use smallint instead	Discontinued
Products	[Rule 112] Columns using bit datatype. Recommended to use smallint instead	Discontinued

BrowseCategories	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Browse Products], Columns: [CategoryID]
BrowseCategoryID	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Browse Products], Columns: [CategoryID]
BrowseProductName	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Browse Products], Columns: [Product Name]
BrowseSupplierID	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Browse Products], Columns: [SupplierID]
BrowseSuppliersProducts	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Browse Products], Columns: [SupplierID]
CategoriesProducts	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Products], Columns: [CategoryID]
CategoryID	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Products], Columns: [CategoryID]
CategoryName	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Categories], Columns: [CategoryName]
City	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Customers], Columns: [City]
CompanyName	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Customers], Columns: [CompanyName]
CompanyName	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Suppliers], Columns: [CompanyName]
CustomerID	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Orders], Columns: [CustomerID]
CustomersOrders	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Orders], Columns: [CustomerID]
EmployeeID	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Orders], Columns: [EmployeeID]
EmployeesOrders	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Orders], Columns: [EmployeeID]
IX_Categories_rowguid	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Categories], Columns: [rowguid]
IX_Employees_rowguid	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Employees], Columns: [rowguid]
LastName	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Employees], Columns: [LastName]
OrderDate	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Orders], Columns: [OrderDate]
OrderID	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Order Details], Columns: [OrderID]
OrdersOrder_Details	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Order Details], Columns: [OrderID]
PK__Browse__6FE99F9F	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Browse], Columns: [ProductID]
PK_Browse	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Browse Products], Columns: [ProductID]

PK_Categories	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Categories], Columns: [CategoryID]
PK_Country	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Country], Columns: [CountryID]
PK_CustomerCustomerDemo	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [CustomerCustomerDemo], Columns: [CustomerID], [CustomerTypeID]
PK_CustomerDemographicInformation	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [CustomerDemographicInformation], Columns: [CustomerTypeID]
PK_Customers	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Customers], Columns: [CustomerID]
PK_Employees	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Employees], Columns: [EmployeeID]
PK_EmployeeTerritories	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [EmployeeTerritories], Columns: [EmployeeID] [TerritoryID]
PK_Order_Details	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Order Details], Columns: [OrderID], [ProductID]
PK_Orders	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Orders], Columns: [OrderID]
PK_Products	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Products], Columns: [ProductID]
PK_Region	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Region], Columns: [RegionID]
PK_Shippers	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Shippers], Columns: [ShipperID]
PK_Suppliers	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Suppliers], Columns: [SupplierID]
PK_Territories	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Territories], Columns: [TerritoryID]
PostalCode	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Customers], Columns: [PostalCode]
PostalCode	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Employees], Columns: [PostalCode]
PostalCode	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Suppliers], Columns: [PostalCode]
ProductID	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Order Details], Columns: [ProductID]
ProductName	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Products], Columns: [ProductName]
ProductsOrder_Details	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Order Details], Columns: [ProductID]
Region	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Customers], Columns: [Region]
ShippedDate	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Orders], Columns: [ShippedDate]
ShippersOrders	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Orders], Columns: [ShipVia]

ShipPostalCode	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Orders], Columns: [ShipPostalCode]
SupplierID	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Products], Columns: [SupplierID]
SuppliersProducts	[Rule 113] Indexes and constraints without a fill factor of 90%	Table: [Products], Columns: [SupplierID]

Relationships

Name	Title	Summary
FK_CustomerCustomerDemo	[Rule 201] Relationships not using ON UPDATE CASCADE	Relationship [FK_CustomerCustomerDemo]: CustomerCustomerDemo(CustomerTypeID)->CustomerDemographicInformation(CustomerTypeID)
FK_CustomerCustomerDemo_Customers	[Rule 201] Relationships not using ON UPDATE CASCADE	Relationship [FK_CustomerCustomerDemo_Customers]: CustomerCustomerDemo(CustomerID)->Customers(CustomerID)
FK_Employees_Employees	[Rule 201] Relationships not using ON UPDATE CASCADE	Relationship [FK_Employees_Employees]: Employees(ReportsTo)-->Employees(EmployeeID)
FK_EmployeeTerritories_Employees	[Rule 201] Relationships not using ON UPDATE CASCADE	Relationship [FK_EmployeeTerritories_Employees]: EmployeeTerritories(EmployeeID)->Employees(EmployeeID)
FK_EmployeeTerritories_Territories	[Rule 201] Relationships not using ON UPDATE CASCADE	Relationship [FK_EmployeeTerritories_Territories]: EmployeeTerritories(TerritoryID)->Territories(TerritoryID)
FK_Order_Details_Orders	[Rule 201] Relationships not using ON UPDATE CASCADE	Relationship [FK_Order_Details_Orders]: OrderDetails(OrderID)-->Orders(OrderID)
FK_Order_Details_Products	[Rule 201] Relationships not using ON UPDATE CASCADE	Relationship [FK_Order_Details_Products]: OrderDetails(ProductID)-->Products(ProductID)
FK_Orders_Employees	[Rule 201] Relationships not using ON UPDATE CASCADE	Relationship [FK_Orders_Employees]: Orders(EmployeeID)-->Employees(EmployeeID)
FK_Orders_Shippers	[Rule 201] Relationships not using ON UPDATE CASCADE	Relationship [FK_Orders_Shippers]: Orders(ShipVia)->Shippers(ShipperID)
FK_Products_Categories	[Rule 201] Relationships not using ON UPDATE CASCADE	Relationship [FK_Products_Categories]: Products(CategoryID)-->Categories(CategoryID)
FK_Products_Suppliers	[Rule 201] Relationships not using ON UPDATE CASCADE	Relationship [FK_Products_Suppliers]: Products(SupplierID)-->Suppliers(SupplierID)
FK_Territories_Region	[Rule 201] Relationships not using ON UPDATE CASCADE	Relationship [FK_Territories_Region]: Territories(RegionID)-->Region(RegionID)
FK_Orders_Shippers	[Rule 204] Relationships using ON DELETE CASCADE	Relationship [FK_Orders_Shippers]: Orders(ShipVia)->Shippers(ShipperID)
FK_CustomerCustomerDemo	[Rule 205] Relationships not using NOT FOI REPLICATION	Relationship [FK_CustomerCustomerDemo]: CustomerCustomerDemo(CustomerTypeID)->CustomerDemographicInformation(CustomerTypeID)
FK_CustomerCustomerDemo_Customers	[Rule 205] Relationships not using NOT FOI REPLICATION	Relationship [FK_CustomerCustomerDemo_Customers]: CustomerCustomerDemo(CustomerID)->Customers(CustomerID)

FK_EmployeeTerritories_Employees	[Rule 205] Relationships not using NOT FOI REPLICATION	Relationship [FK_EmployeeTerritories_Employees]: EmployeeTerritories(EmployeeID)->Employees(EmployeeID)
FK_EmployeeTerritories_Territories	[Rule 205] Relationships not using NOT FOI REPLICATION	Relationship [FK_EmployeeTerritories_Territories]: EmployeeTerritories(TerritoryID)->Territories(TerritoryID)
FK_Order_Details_Orders	[Rule 205] Relationships not using NOT FOI REPLICATION	Relationship [FK_Order_Details_Orders]: Order Details(OrderID)-->Orders(OrderID)
FK_Order_Details_Products	[Rule 205] Relationships not using NOT FOI REPLICATION	Relationship [FK_Order_Details_Products]: Order Details(ProductID)-->Products(ProductID)
FK_Orders_Customers	[Rule 205] Relationships not using NOT FOI REPLICATION	Relationship [FK_Orders_Customers]: Orders(CustomerID)-->Customers(CustomerID)
FK_Orders_Employees	[Rule 205] Relationships not using NOT FOI REPLICATION	Relationship [FK_Orders_Employees]: Orders(EmployeeID)-->Employees(EmployeeID)
FK_Orders_Shippers	[Rule 205] Relationships not using NOT FOI REPLICATION	Relationship [FK_Orders_Shippers]: Orders(ShipVia)->Shippers(ShipperID)
FK_Products_Categories	[Rule 205] Relationships not using NOT FOI REPLICATION	Relationship [FK_Products_Categories]: Products(CategoryID)-->Categories(CategoryID)
FK_Products_Suppliers	[Rule 205] Relationships not using NOT FOI REPLICATION	Relationship [FK_Products_Suppliers]: Products(SupplierID)-->Suppliers(SupplierID)
FK_Territories_Region	[Rule 205] Relationships not using NOT FOI REPLICATION	Relationship [FK_Territories_Region]: Territories(RegionID)-->Region(RegionID)

Data

Name	Title	Summary
Customers.ContactName	[Rule 301] Data in character columns having empty string instead of NULL	1 Record(s)
Customers.ContactTitle	[Rule 301] Data in character columns having empty string instead of NULL	2 Record(s)
Orders.CustomerID->Customers.CustomerID	[Rule 302] Data that violates referential integrity	'SSW'
Employees.LastName	[Rule 303] Data in character type columns having empty line (<Ctrl> + <Enter>) as the first character	1 Record(s)
Employees.Notes	[Rule 303] Data in character type columns having empty line (<Ctrl> + <Enter>) as the first character	1 Record(s)

Stored Procedures and Views

Name	Title	Summary
InvoiceList	[Rule 501] Stored procedures and Views with unsynchronized names in procedure/view definition and object name	View object name [InvoiceList] does not match name [Invoices] in SQL script

Sales by Year New	[Rule 501] Stored procedures and Views with unsynchronized names in procedure/view definition and object name	Stored Procedure object name [Sales by Year New] does not match name [Sales by Year Old] in SQL script
CustOrderHist	[Rule 502] Stored procedures missing "Standard Stored Procedure Description" (configure in Tools>Options)	CREATE PROCEDURE CustOrderHist @CustomerID nchar ...
CustOrdersDetail	[Rule 502] Stored procedures missing "Standard Stored Procedure Description" (configure in Tools>Options)	CREATE PROCEDURE CustOrdersDetail @OrderID ...
CustOrdersOrders	[Rule 502] Stored procedures missing "Standard Stored Procedure Description" (configure in Tools>Options)	CREATE PROCEDURE CustOrdersOrders @CustomerID nc ...
Employee Sales by Country	[Rule 502] Stored procedures missing "Standard Stored Procedure Description" (configure in Tools>Options)	create procedure "Employee Sales by Country" @B ...
Sales by Year New	[Rule 502] Stored procedures missing "Standard Stored Procedure Description" (configure in Tools>Options)	create procedure "Sales by Year Old" @Beginning ...
SalesByCategory	[Rule 502] Stored procedures missing "Standard Stored Procedure Description" (configure in Tools>Options)	CREATE PROCEDURE SalesByCategory @CategoryName ...
sp_PromoteEmployee	[Rule 502] Stored procedures missing "Standard Stored Procedure Description" (configure in Tools>Options)	CREATE PROCEDURE sp_PromoteEmployee AS PRINT ' ...
Ten Most Expensive Products	[Rule 502] Stored procedures missing "Standard Stored Procedure Description" (configure in Tools>Options)	create procedure "Ten Most Expensive Products" A ...
sp_PromoteEmployee	[Rule 503] User-defined stored procedures starting with "sp_" or "dt_"	Stored Procedure [sp_PromoteEmployee] starts with [sp_]

Collation

Name	Title	Summary
SSWSQLAuditorNorthwindSample	[Rule 601] Database collation differs from SQL Server collation. (Server Wide Check)	Server Collation: 'Latin1_General_CI_AS' Database Collation: 'Latin1_General_CI_AI'
SSWSQLAuditorNorthwindSample	[Rule 602] Database collation differs from collation specified in Tools > Options	Database collation [Latin1_General_CI_AI] is different from collation [SQL_Latin1_General_CP1_CI_AS] defined in Tools > Options