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Database: [AdventureWorks]

AdventureWorks Sample OLTP Database

Schema: [dbo]

Schema: [HumanResources]

Contains objects related to employees and departments.

Schema: [Person]

Contains objects related to names and addresses of customers, vendors, and employees

Schema: [Production]

Contains objects related to products, inventory, and manufacturing.

Schema: [Purchasing]

Contains objects related to vendors and purchase orders.

Schema: [Sales]

Contains objects related to customers, sales orders, and sales territories.

Table: [dbo].[AWBuildVersion]

Current version number of the AdventureWorks sample database.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	SystemInformationID	tinyint, not null	Primary key for AWBuildVersion records.
	Database Version	nvarchar(25), not null	Version number of the database in 9.yy.mm.dd.00 format.
	VersionDate	datetime, not null	Date and time the record was last updated.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [dbo].[DatabaseLog]

Audit table tracking all DDL changes made to the AdventureWorks database. Data is captured by the database trigger ddlDatabaseTriggerLog.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	DatabaseLogID	int, not null	Primary key for DatabaseLog records.
	PostTime	datetime, not null	The date and time the DDL change occurred.
	DatabaseUser	nvarchar(128), not null	The user who implemented the DDL change.
	Event	nvarchar(128), not null	The type of DDL statement that was executed.
	Schema	nvarchar(128), null	The schema to which the changed object belongs.
	Object	nvarchar(128), null	The object that was changed by the DDL statment.

	TSQL	nvarchar(max), not null	The exact Transact-SQL statement that was executed.
	XmlEvent	xml, not null	The raw XML data generated by database trigger.

Table: [dbo].[ErrorLog]

Audit table tracking errors in the the AdventureWorks database that are caught by the CATCH block of a TRY...CATCH construct. Data is inserted by stored procedure dbo.uspLogError when it is executed from inside the CATCH block of a TRY...CATCH construct.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	ErrorLogID	int, not null	Primary key for ErrorLog records.
	ErrorTime	datetime, not null	The date and time at which the error occurred.
	UserName	nvarchar(128), not null	The user who executed the batch in which the error occurred.
	ErrorNumber	int, not null	The error number of the error that occurred.
	ErrorSeverity	int, null	The severity of the error that occurred.
	ErrorState	int, null	The state number of the error that occurred.
	ErrorProcedure	nvarchar(126), null	The name of the stored procedure or trigger where the error occurred.
	ErrorLine	int, null	The line number at which the error occurred.
	ErrorMessage	nvarchar(4000), not null	The message text of the error that occurred.

Table: [HumanResources].[Department]

Lookup table containing the departments within the Adventure Works Cycles company.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	DepartmentID	smallint, not null	Primary key for Department records.
	Name	nvarchar(50), not null	Name of the department.
	GroupName	nvarchar(50), not null	Name of the group to which the department belongs.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [HumanResources].[Employee]

Employee information such as salary, department, and title.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	EmployeeID	int, not null	Primary key for Employee records.
	NationalIDNumber	nvarchar(15), not	Unique national identification number such as a social

		null	security number.
FK	ContactID	int, not null	Identifies the employee in the Contact table. Foreign key to Contact.ContactID.
	LoginID	nvarchar(256), not null	Network login.
FK	ManagerID	int, null	Manager to whom the employee is assigned. Foreign Key to Employee.M
	Title	nvarchar(50), not null	Work title such as Buyer or Sales Representative.
	BirthDate	datetime, not null	Date of birth.
	MaritalStatus	nchar(1), not null	M = Married, S = Single
	Gender	nchar(1), not null	M = Male, F = Female
	HireDate	datetime, not null	Employee hired on this date.
	SalariedFlag	bit, not null	Job classification. 0 = Hourly, not exempt from collective bargaining. 1 = Salaried, exempt from collective bargaining.
	VacationHours	smallint, not null	Number of available vacation hours.
	SickLeaveHours	smallint, not null	Number of available sick leave hours.
	CurrentFlag	bit, not null	0 = Inactive, 1 = Active
	rowguid	uniqueidentifier, not null	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [HumanResources].[EmployeeAddress]

Cross-reference table mapping employees to their address(es).

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK ,FK	EmployeeID	int, not null	Primary key. Foreign key to Employee.EmployeeID.
PK ,FK	AddressID	int, not null	Primary key. Foreign key to Address.AddressID.
	rowguid	uniqueidentifier, not null	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [HumanResources].[EmployeeDepartmentHistory]

Employee department transfers.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK ,FK	EmployeeID	int, not null	Employee identification number. Foreign key to Employee.EmployeeID.
PK ,FK	DepartmentID	smallint, not null	Department in which the employee worked including currently. Foreign key to Department.DepartmentID.
PK ,FK	ShiftID	tinyint, not null	Identifies which 8-hour shift the employee works. Foreign key to Shift.Shift.ID.
PK	StartDate	datetime, not null	Date the employee started work in the department.
	EndDate	datetime, null	Date the employee left the department. NULL = Current department.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [HumanResources].[EmployeePayHistory]

Employee pay history.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK ,FK	EmployeeID	int, not null	Employee identification number. Foreign key to Employee.EmployeeID.
PK	RateChangeDate	datetime, not null	Date the change in pay is effective
	Rate	money, not null	Salary hourly rate.
	PayFrequency	tinyint, not null	1 = Salary received monthly, 2 = Salary received biweekly
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [HumanResources].[JobCandidate]

Résumés submitted to Human Resources by job applicants.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	JobCandidateID	int, not null	Primary key for JobCandidate records.
FK	EmployeeID	int, null	Employee identification number if applicant was hired. Foreign key to Employee.EmployeeID.
	Resume	xml, null	Résumé in XML format.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [HumanResources].[Shift]

Work shift lookup table.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
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PK	ShiftID	tinyint, not null	Primary key for Shift records.
	Name	nvarchar(50), not null	Shift description.
	StartTime	datetime, not null	Shift start time.
	EndTime	datetime, not null	Shift end time.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Person].[Address]

Street address information for customers, employees, and vendors.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	AddressID	int, not null	Primary key for Address records.
	AddressLine1	nvarchar(60), not null	First street address line.
	AddressLine2	nvarchar(60), null	Second street address line.
	City	nvarchar(30), not null	Name of the city.
FK	StateProvinceID	int, not null	Unique identification number for the state or province. Foreign key to StateProvince table.
	PostalCode	nvarchar(15), not null	Postal code for the street address.
	rowguid	uniqueidentifier, not null	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Person].[AddressType]

Types of addresses stored in the Address table.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	AddressTypeID	int, not null	Primary key for AddressType records.
	Name	nvarchar(50), not null	Address type description. For example, Billing, Home, or Shipping.
	rowguid	uniqueidentifier, not null	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Person].[Contact]

Names of each employee, customer contact, and vendor contact.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
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PK	ContactID	int, not null	Primary key for Contact records.
	NameStyle	bit, not null	0 = The data in FirstName and LastName are stored in western style (first name, last name) order. 1 = Eastern style (last name, first name) order.
	Title	nvarchar(8), null	A courtesy title. For example, Mr. or Ms.
	FirstName	nvarchar(50), not null	First name of the person.
	MiddleName	nvarchar(50), null	Middle name or middle initial of the person.
	LastName	nvarchar(50), not null	Last name of the person.
	Suffix	nvarchar(10), null	Surname suffix. For example, Sr. or Jr.
	EmailAddress	nvarchar(50), null	E-mail address for the person.
	EmailPromotion	int, not null	0 = Contact does not wish to receive e-mail promotions, 1 = Contact does wish to receive e-mail promotions from AdventureWorks, 2 = Contact does wish to receive e-mail promotions from AdventureWorks and selected partners.
	Phone	nvarchar(25), null	Phone number associated with the person.
	PasswordHash	varchar(128), not null	Password for the e-mail account.
	PasswordSalt	varchar(10), not null	Random value concatenated with the password string before the password is hashed.
	AdditionalContactInfo	xml, null	Additional contact information about the person stored in xml format.
	rowguid	uniqueidentifier, not null	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Person].[ContactType]

Lookup table containing the types of contacts stored in Contact.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	ContactTypeID	int, not null	Primary key for ContactType records.
	Name	nvarchar(50), not null	Contact type description.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Person].[CountryRegion]

Lookup table containing the ISO standard codes for countries and regions.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	CountryRegionCode	nvarchar(3), not null	ISO standard code for countries and regions.
	Name	nvarchar(50), not null	Country or region name.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Person].[StateProvince]

State and province lookup table.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	StateProvinceID	int, not null	Primary key for StateProvince records.
	StateProvinceCode	nchar(3), not null	ISO standard state or province code.
FK	CountryRegionCode	nvarchar(3), not null	ISO standard country or region code. Foreign key to CountryRegion.CountryRegionCode.
	IsOnlyStateProvinceFlag	bit, not null	0 = StateProvinceCode exists. 1 = StateProvinceCode unavailable, using CountryRegionCode.
	Name	nvarchar(50), not null	State or province description.
FK	TerritoryID	int, not null	ID of the territory in which the state or province is located. Foreign key to SalesTerritory.SalesTerritoryID.
	rowguid	uniqueidentifier, not null	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Production].[BillOfMaterials]

Items required to make bicycles and bicycle subassemblies. It identifies the heirarchical relationship between a parent product and its components.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	BillOfMaterialsID	int, not null	Primary key for BillOfMaterials records.
FK	ProductAssemblyID	int, null	Parent product identification number. Foreign key to Product.ProductID.
FK	ComponentID	int, not null	Component identification number. Foreign key to Product.ProductID.
	StartDate	datetime, not null	Date the component started being used in the

			assembly item.
	EndDate	datetime, null	Date the component stopped being used in the assembly item.
FK	UnitMeasureCode	nchar(3), not null	Standard code identifying the unit of measure for the quantity.
	BOMLevel	smallint, not null	Indicates the depth the component is from its parent (AssemblyID).
	PerAssemblyQty	decimal(8,2), not null	Quantity of the component needed to create the assembly.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Production].[Culture]

Lookup table containing the languages in which some AdventureWorks data is stored.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	CultureID	nchar(6), not null	Primary key for Culture records.
	Name	nvarchar(50), not null	Culture description.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Production].[Document]

Product maintenance documents.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	DocumentID	int, not null	Primary key for Document records.
	Title	nvarchar(50), not null	Title of the document.
	FileName	nvarchar(400), not null	Directory path and file name of the document
	FileExtension	nvarchar(8), not null	File extension indicating the document type. For example, .doc or .txt.
	Revision	nchar(5), not null	Revision number of the document.
	ChangeNumber	int, not null	Engineering change approval number.
	Status	tinyint, not null	1 = Pending approval, 2 = Approved, 3 = Obsolete
	DocumentSummary	nvarchar(max), null	Document abstract.
	Document	varbinary(max), null	Complete document.

	ModifiedDate	datetime, not null	Date and time the record was last updated.
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Table: [Production].[Illustration]

Bicycle assembly diagrams.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	IllustrationID	int, not null	Primary key for Illustration records.
	Diagram	xml, null	Illustrations used in manufacturing instructions. Stored as XML.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Production].[Location]

Product inventory and manufacturing locations.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	LocationID	smallint, not null	Primary key for Location records.
	Name	nvarchar(50), not null	Location description.
	CostRate	smallmoney, not null	Standard hourly cost of the manufacturing location.
	Availability	decimal(8,2), not null	Work capacity (in hours) of the manufacturing location.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Production].[Product]

Products sold or used in the manufacturing of sold products.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	ProductID	int, not null	Primary key for Product records.
	Name	nvarchar(50), not null	Name of the product.
	ProductNumber	nvarchar(25), not null	Unique product identification number.
	MakeFlag	bit, not null	0 = Product is purchased, 1 = Product is manufactured in-house.
	FinishedGoodsFlag	bit, not null	0 = Product is not a salable item. 1 = Product is salable.
	Color	nvarchar(15), null	Product color.
	SafetyStockLevel	smallint, not null	Minimum inventory quantity.

		null	
	ReorderPoint	smallint, not null	Inventory level that triggers a purchase order or work order.
	StandardCost	money, not null	Standard cost of the product.
	ListPrice	money, not null	Selling price.
	Size	nvarchar(5), null	Product size.
FK	SizeUnitMeasureCode	nchar(3), null	Unit of measure for Size column.
FK	WeightUnitMeasureCode	nchar(3), null	Unit of measure for Weight column.
	Weight	decimal(8,2), null	Product weight.
	DaysToManufacture	int, not null	Number of days required to manufacture the product.
	ProductLine	nchar(2), null	R = Road, M = Mountain, T = Touring, S = Standard
	Class	nchar(2), null	H = High, M = Medium, L = Low
	Style	nchar(2), null	W = Womens, M = Mens, U = Universal
FK	ProductSubcategoryID	int, null	Product is a member of this product subcategory. Foreign key to ProductSubCategory.ProductSubCategoryID.
FK	ProductModelID	int, null	Product is a member of this product model. Foreign key to ProductModel.ProductModelID.
	SellStartDate	datetime, not null	Date the product was available for sale.
	SellEndDate	datetime, null	Date the product was no longer available for sale.
	DiscontinuedDate	datetime, null	Date the product was discontinued.
	rowguid	uniqueidentifier, not null	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Production].[ProductCategory]

High-level product categorization.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	ProductCategoryID	int, not null	Primary key for ProductCategory records.
	Name	nvarchar(50), not null	Category description.

	rowguid	uniqueidentifier, not null	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Production].[ProductCostHistory]

Changes in the cost of a product over time.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK ,FK	ProductID	int, not null	Product identification number. Foreign key to Product.ProductID
PK	StartDate	datetime, not null	Product cost start date.
	EndDate	datetime, null	Product cost end date.
	StandardCost	money, not null	Standard cost of the product.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Production].[ProductDescription]

Product descriptions in several languages.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	ProductDescriptionID	int, not null	Primary key for ProductDescription records.
	Description	nvarchar(400), not null	Description of the product.
	rowguid	uniqueidentifier, not null	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Production].[ProductDocument]

Cross-reference table mapping products to related product documents.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK ,FK	ProductID	int, not null	Product identification number. Foreign key to Product.ProductID.
PK ,FK	DocumentID	int, not null	Document identification number. Foreign key to Document.DocumentID.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Production].[ProductInventory]

Product inventory information.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
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PK ,FK	ProductID	int, not null	Product identification number. Foreign key to Product.ProductID.
PK ,FK	LocationID	smallint, not null	Inventory location identification number. Foreign key to Location.LocationID.
	Shelf	nvarchar(10), not null	Storage compartment within an inventory location.
	Bin	tinyint, not null	Storage container on a shelf in an inventory location.
	Quantity	smallint, not null	Quantity of products in the inventory location.
	rowguid	uniqueidentifier, not null	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Production].[ProductListPriceHistory]

Changes in the list price of a product over time.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK ,FK	ProductID	int, not null	Product identification number. Foreign key to Product.ProductID
PK	StartDate	datetime, not null	List price start date.
	EndDate	datetime, null	List price end date
	ListPrice	money, not null	Product list price.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Production].[ProductModel]

Product model classification.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	ProductModelID	int, not null	Primary key for ProductModel records.
	Name	nvarchar(50), not null	Product model description.
	CatalogDescription	xml, null	Detailed product catalog information in xml format.
	Instructions	xml, null	Manufacturing instructions in xml format.
	rowguid	uniqueidentifier, not null	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Production].[ProductModelIllustration]

Cross-reference table mapping product models and illustrations.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK ,FK	ProductModelID	int, not null	Primary key. Foreign key to ProductModel.ProductModelID.
PK ,FK	IllustrationID	int, not null	Primary key. Foreign key to Illustration.IllustrationID.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Production].[ProductModelProductDescriptionCulture]

Cross-reference table mapping product descriptions and the language the description is written in.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK ,FK	ProductModelID	int, not null	Primary key. Foreign key to ProductModel.ProductModelID.
PK ,FK	ProductDescriptionID	int, not null	Primary key. Foreign key to ProductDescription.ProductDescriptionID.
PK ,FK	CultureID	nchar(6), not null	Culture identification number. Foreign key to Culture.CultureID.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Production].[ProductPhoto]

Product images.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	ProductPhotoID	int, not null	Primary key for ProductPhoto records.
	ThumbNailPhoto	varbinary(max), null	Small image of the product.
	ThumbNailPhotoFileName	nvarchar(50), null	Small image file name.
	LargePhoto	varbinary(max), null	Large image of the product.
	LargePhotoFileName	nvarchar(50), null	Large image file name.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Production].[ProductProductPhoto]

Cross-reference table mapping products and product photos.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
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PK ,FK	ProductID	int, not null	Product identification number. Foreign key to Product.ProductID.
PK ,FK	ProductPhotoID	int, not null	Product photo identification number. Foreign key to ProductPhoto.ProductPhotoID.
	Primary	bit, not null	0 = Photo is not the principal image. 1 = Photo is the principal image.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Production].[ProductReview]

Customer reviews of products they have purchased.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	ProductReviewID	int, not null	Primary key for ProductReview records.
FK	ProductID	int, not null	Product identification number. Foreign key to Product.ProductID.
	ReviewerName	nvarchar(50), not null	Name of the reviewer.
	ReviewDate	datetime, not null	Date review was submitted.
	EmailAddress	nvarchar(50), not null	Reviewer's e-mail address.
	Rating	int, not null	Product rating given by the reviewer. Scale is 1 to 5 with 5 as the highest rating.
	Comments	nvarchar(3850), null	Reviewer's comments
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Production].[ProductSubcategory]

Product subcategories. See ProductCategory table.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	ProductSubcategoryID	int, not null	Primary key for ProductSubcategory records.
FK	ProductCategoryID	int, not null	Product category identification number. Foreign key to ProductCategory.ProductCategoryID.
	Name	nvarchar(50), not null	Subcategory description.
	rowguid	uniqueidentifier, not null	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Production].[ScrapReason]

Manufacturing failure reasons lookup table.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	ScrapReasonID	smallint, not null	Primary key for ScrapReason records.
	Name	nvarchar(50), not null	Failure description.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Production].[TransactionHistory]

Record of each purchase order, sales order, or work order transaction year to date.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	TransactionID	int, not null	Primary key for TransactionHistory records.
FK	ProductID	int, not null	Product identification number. Foreign key to Product.ProductID.
	ReferenceOrderID	int, not null	Purchase order, sales order, or work order identification number.
	ReferenceOrderLineID	int, not null	Line number associated with the purchase order, sales order, or work order.
	TransactionDate	datetime, not null	Date and time of the transaction.
	TransactionType	nchar(1), not null	W = WorkOrder, S = SalesOrder, P = PurchaseOrder
	Quantity	int, not null	Product quantity.
	ActualCost	money, not null	Product cost.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Production].[TransactionHistoryArchive]

Transactions for previous years.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	TransactionID	int, not null	Primary key for TransactionHistoryArchive records.
	ProductID	int, not null	Product identification number. Foreign key to Product.ProductID.
	ReferenceOrderID	int, not null	Purchase order, sales order, or work order identification number.
	ReferenceOrderLineID	int, not null	Line number associated with the purchase order, sales order, or work order.

	TransactionDate	datetime, not null	Date and time of the transaction.
	TransactionType	nchar(1), not null	W = Work Order, S = Sales Order, P = Purchase Order
	Quantity	int, not null	Product quantity.
	ActualCost	money, not null	Product cost.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Production].[UnitMeasure]

Unit of measure lookup table.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	UnitMeasureCode	nchar(3), not null	Primary key.
	Name	nvarchar(50), not null	Unit of measure description.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Production].[WorkOrder]

Manufacturing work orders.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	WorkOrderID	int, not null	Primary key for WorkOrder records.
FK	ProductID	int, not null	Product identification number. Foreign key to Product.ProductID.
	OrderQty	int, not null	Product quantity to build.
	StockedQty	int, not null	Quantity built and put in inventory.
	ScrappedQty	smallint, not null	Quantity that failed inspection.
	StartDate	datetime, not null	Work order start date.
	EndDate	datetime, null	Work order end date.
	DueDate	datetime, not null	Work order due date.
FK	ScrapReasonID	smallint, null	Reason for inspection failure.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Production].[WorkOrderRouting]

Work order details.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	WorkOrderID	int, not null	Primary key. Foreign key to WorkOrder.WorkOrderID.

,FK			
PK	ProductID	int, not null	Primary key. Foreign key to Product.ProductID.
PK	OperationSequence	smallint, not null	Primary key. Indicates the manufacturing process sequence.
FK	LocationID	smallint, not null	Manufacturing location where the part is processed. Foreign key to Location.LocationID.
	ScheduledStartDate	datetime, not null	Planned manufacturing start date.
	ScheduledEndDate	datetime, not null	Planned manufacturing end date.
	ActualStartDate	datetime, null	Actual start date.
	ActualEndDate	datetime, null	Actual end date.
	ActualResourceHrs	decimal(9,4), null	Number of manufacturing hours used.
	PlannedCost	money, not null	Estimated manufacturing cost.
	ActualCost	money, null	Actual manufacturing cost.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Purchasing].[ProductVendor]

Cross-reference table mapping vendors with the products they supply.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	ProductID	int, not null	Primary key. Foreign key to Product.ProductID.
,FK			
PK	VendorID	int, not null	Primary key. Foreign key to Vendor.VendorID.
,FK			
	AverageLeadTime	int, not null	The average span of time (in days) between placing an order with the vendor and receiving the purchased product.
	StandardPrice	money, not null	The vendor's usual selling price.
	LastReceiptCost	money, null	The selling price when last purchased.
	LastReceiptDate	datetime, null	Date the product was last received by the vendor.
	MinOrderQty	int, not null	The maximum quantity that should be ordered.
	MaxOrderQty	int, not null	The minimum quantity that should be ordered.
	OnOrderQty	int, null	The quantity currently on order.
FK	UnitMeasureCode	nchar(3), not null	The product's unit of measure.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Purchasing].[PurchaseOrderDetail]

Individual products associated with a specific purchase order. See PurchaseOrderHeader.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK ,FK	PurchaseOrderID	int, not null	Primary key. Foreign key to PurchaseOrderHeader.PurchaseOrderID.
PK	PurchaseOrderDetailID	int, not null	Primary key. One line number per purchased product.
	DueDate	datetime, not null	Date the product is expected to be received.
	OrderQty	smallint, not null	Quantity ordered.
FK	ProductID	int, not null	Product identification number. Foreign key to Product.ProductID.
	UnitPrice	money, not null	Vendor's selling price of a single product.
	LineTotal	money, not null	Per product subtotal. Computed as OrderQty * UnitPrice.
	ReceivedQty	decimal(8,2), not null	Quantity actually received from the vendor.
	RejectedQty	decimal(8,2), not null	Quantity rejected during inspection.
	StockedQty	decimal(9,2), not null	Quantity accepted into inventory. Computed as ReceivedQty - RejectedQty.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Purchasing].[PurchaseOrderHeader]

General purchase order information. See PurchaseOrderDetail.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	PurchaseOrderID	int, not null	Primary key.
	RevisionNumber	tinyint, not null	Incremental number to track changes to the purchase order over time.
	Status	tinyint, not null	Order current status. 1 = Pending; 2 = Approved; 3 = Rejected; 4 = Complete
FK	EmployeeID	int, not null	Employee who created the purchase order. Foreign key to Employee.EmployeeID.
FK	VendorID	int, not null	Vendor with whom the purchase order is placed. Foreign key to Vendor.VendorID.
FK	ShipMethodID	int, not null	Shipping method. Foreign key to

			ShipMethod.ShipMethodID.
	OrderDate	datetime, not null	Purchase order creation date.
	ShipDate	datetime, null	Estimated shipment date from the vendor.
	SubTotal	money, not null	Purchase order subtotal. Computed as SUM(PurchaseOrderDetail.LineTotal)for the appropriate PurchaseOrderID.
	TaxAmt	money, not null	Tax amount.
	Freight	money, not null	Shipping cost.
	TotalDue	money, not null	Total due to vendor. Computed as Subtotal + TaxAmt + Freight.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Purchasing].[ShipMethod]

Shipping company lookup table.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	ShipMethodID	int, not null	Primary key for ShipMethod records.
	Name	nvarchar(50), not null	Shipping company name.
	ShipBase	money, not null	Minimum shipping charge.
	ShipRate	money, not null	Shipping charge per pound.
	rowguid	uniqueidentifier, not null	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Purchasing].[Vendor]

Companies from whom Adventure Works Cycles purchases parts or other goods.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	VendorID	int, not null	Primary key for Vendor records.
	AccountNumber	nvarchar(15), not null	Vendor account (identification) number.
	Name	nvarchar(50), not null	Company name.
	CreditRating	tinyint, not null	1 = Superior, 2 = Excellent, 3 = Above average, 4 = Average, 5 = Below average
	PreferredVendorStatus	bit, not null	0 = Do not use if another vendor is available. 1 = Preferred over other vendors supplying the same

			product.
	ActiveFlag	bit, not null	0 = Vendor no longer used. 1 = Vendor is actively used.
	PurchasingWebServiceURL	nvarchar(1024), null	Vendor URL.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Purchasing].[VendorAddress]

Cross-reference mapping vendors and addresses.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK ,FK	VendorID	int, not null	Primary key. Foreign key to Vendor.VendorID.
PK ,FK	AddressID	int, not null	Primary key. Foreign key to Address.AddressID.
FK	AddressTypeID	int, not null	Address type. Foreign key to AddressType.AddressTypeID.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Purchasing].[VendorContact]

Cross-reference table mapping vendors and their employees.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK ,FK	VendorID	int, not null	Primary key.
PK ,FK	ContactID	int, not null	Contact (Vendor employee) identification number. Foreign key to Contact.ContactID.
FK	ContactTypeID	int, not null	Contact type such as sales manager, or sales agent.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Sales].[ContactCreditCard]

Cross-reference table mapping customers in the Contact table to their credit card information in the CreditCard table.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK ,FK	ContactID	int, not null	Customer identification number. Foreign key to Contact.ContactID.
PK	CreditCardID	int, not null	Credit card identification number. Foreign key to

,FK			CreditCard.CreditCardID.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Sales].[CountryRegionCurrency]

Cross-reference table mapping ISO currency codes to a country or region.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK ,FK	CountryRegionCode	nvarchar(3), not null	ISO code for countries and regions. Foreign key to CountryRegion.CountryRegionCode.
PK ,FK	CurrencyCode	nchar(3), not null	ISO standard currency code. Foreign key to Currency.CurrencyCode.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Sales].[CreditCard]

Customer credit card information.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	CreditCardID	int, not null	Primary key for CreditCard records.
	CardType	nvarchar(50), not null	Credit card name.
	CardNumber	nvarchar(25), not null	Credit card number.
	ExpMonth	tinyint, not null	Credit card expiration month.
	ExpYear	smallint, not null	Credit card expiration year.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Sales].[Currency]

Lookup table containing standard ISO currencies.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	CurrencyCode	nchar(3), not null	The ISO code for the Currency.
	Name	nvarchar(50), not null	Currency name.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Sales].[CurrencyRate]

Currency exchange rates.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	CurrencyRateID	int, not null	Primary key for CurrencyRate records.

	CurrencyRateDate	datetime, not null	Date and time the exchange rate was obtained.
FK	FromCurrencyCode	nchar(3), not null	Exchange rate was converted from this currency code.
FK	ToCurrencyCode	nchar(3), not null	Exchange rate was converted to this currency code.
	AverageRate	money, not null	Average exchange rate for the day.
	EndOfDayRate	money, not null	Final exchange rate for the day.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Sales].[Customer]

Current customer information. Also see the Individual and Store tables.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	CustomerID	int, not null	Primary key for Customer records.
FK	TerritoryID	int, null	ID of the territory in which the customer is located. Foreign key to SalesTerritory.SalesTerritoryID.
	AccountNumber	varchar(10), not null	Unique number identifying the customer assigned by the accounting system.
	CustomerType	nchar(1), not null	Customer type: I = Individual, S = Store
	rowguid	uniqueidentifier, not null	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Sales].[CustomerAddress]

Cross-reference table mapping customers to their address(es).

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK ,FK	CustomerID	int, not null	Primary key. Foreign key to Customer.CustomerID.
PK ,FK	AddressID	int, not null	Primary key. Foreign key to Address.AddressID.
FK	AddressTypeID	int, not null	Address type. Foreign key to AddressType.AddressTypeID.
	rowguid	uniqueidentifier, not null	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Sales].[Individual]

Demographic data about customers that purchase Adventure Works products online.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK ,FK	CustomerID	int, not null	Unique customer identification number. Foreign key to Customer.CustomerID.
FK	ContactID	int, not null	Identifies the customer in the Contact table. Foreign key to Contact.ContactID.
	Demographics	xml, null	Personal information such as hobbies, and income collected from online shoppers. Used for sales analysis.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Sales].[SalesOrderDetail]

Individual products associated with a specific sales order. See SalesOrderHeader.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK ,FK	SalesOrderID	int, not null	Primary key. Foreign key to SalesOrderHeader.SalesOrderID.
PK	SalesOrderDetailID	int, not null	Primary key. One incremental unique number per product sold.
	CarrierTrackingNumber	nvarchar(25), null	Shipment tracking number supplied by the shipper.
	OrderQty	smallint, not null	Quantity ordered per product.
FK	ProductID	int, not null	Product sold to customer. Foreign key to Product.ProductID.
FK	SpecialOfferID	int, not null	Promotional code. Foreign key to SpecialOffer.SpecialOfferID.
	UnitPrice	money, not null	Selling price of a single product.
	UnitPriceDiscount	money, not null	Discount amount.
	LineTotal	numeric(38,6), not null	Per product subtotal. Computed as UnitPrice * (1 - UnitPriceDiscount) * OrderQty.
	rowguid	uniqueidentifier, not null	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Sales].[SalesOrderHeader]

General sales order information.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	SalesOrderID	int, not null	Primary key.

	RevisionNumber	tinyint, not null	Incremental number to track changes to the sales order over time.
	OrderDate	datetime, not null	Dates the sales order was created.
	DueDate	datetime, not null	Date the order is due to the customer.
	ShipDate	datetime, null	Date the order was shipped to the customer.
	Status	tinyint, not null	Order current status. 1 = In process; 2 = Approved; 3 = Backordered; 4 = Rejected; 5 = Shipped; 6 = Cancelled
	OnlineOrderFlag	bit, not null	0 = Order placed by sales person. 1 = Order placed online by customer.
	SalesOrderNumber	nvarchar(25), not null	Unique sales order identification number.
	PurchaseOrderNumber	nvarchar(25), null	Customer purchase order number reference.
	AccountNumber	nvarchar(15), null	Financial accounting number reference.
FK	CustomerID	int, not null	Customer identification number. Foreign key to Customer.CustomerID.
FK	ContactID	int, not null	Customer contact identification number. Foreign key to Contact.ContactID.
FK	SalesPersonID	int, null	Sales person who created the sales order. Foreign key to SalesPerson.SalePersonID.
FK	TerritoryID	int, null	Territory in which the sale was made. Foreign key to SalesTerritory.SalesTerritoryID.
FK	BillToAddressID	int, not null	Customer billing address. Foreign key to Address.AddressID.
FK	ShipToAddressID	int, not null	Customer shipping address. Foreign key to Address.AddressID.
FK	ShipMethodID	int, not null	Shipping method. Foreign key to ShipMethod.ShipMethodID.
FK	CreditCardID	int, null	Credit card identification number. Foreign key to CreditCard.CreditCardID.
	CreditCardApprovalCode	varchar(15), null	Approval code provided by the credit card company.
FK	CurrencyRateID	int, null	Currency exchange rate used. Foreign key to CurrencyRate.CurrencyRateID.

	SubTotal	money, not null	Sales subtotal. Computed as SUM(SalesOrderDetail.LineTotal)for the appropriate SalesOrderID.
	TaxAmt	money, not null	Tax amount.
	Freight	money, not null	Shipping cost.
	TotalDue	money, not null	Total due from customer. Computed as Subtotal + TaxAmt + Freight.
	Comment	nvarchar(128), null	Sales representative comments.
	rowguid	uniqueidentifier, not null	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Sales].[SalesOrderHeaderSalesReason]

Cross-reference table mapping sales orders to sales reason codes.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK ,FK	SalesOrderID	int, not null	Primary key. Foreign key to SalesOrderHeader.SalesOrderID.
PK ,FK	SalesReasonID	int, not null	Primary key. Foreign key to SalesReason.SalesReasonID.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Sales].[SalesPerson]

Sales representative current information.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK ,FK	SalesPersonID	int, not null	Primary key for SalesPerson records.
FK	TerritoryID	int, null	Territory currently assigned to. Foreign key to SalesTerritory.SalesTerritoryID.
	SalesQuota	money, null	Projected yearly sales.
	Bonus	money, not null	Bonus due if quota is met.
	CommissionPct	smallmoney, not null	Commision percent received per sale.
	SalesYTD	money, not null	Sales total year to date.

	SalesLastYear	money, not null	Sales total of previous year.
	rowguid	uniqueidentifier, not null	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Sales].[SalesPersonQuotaHistory]

Sales performance tracking.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK ,FK	SalesPersonID	int, not null	Sales person identification number. Foreign key to SalesPerson.SalesPersonID.
PK	QuotaDate	datetime, not null	Sales quota date.
	SalesQuota	money, not null	Sales quota amount.
	rowguid	uniqueidentifier, not null	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Sales].[SalesReason]

Lookup table of customer purchase reasons.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	SalesReasonID	int, not null	Primary key for SalesReason records.
	Name	nvarchar(50), not null	Sales reason description.
	ReasonType	nvarchar(50), not null	Category the sales reason belongs to.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Sales].[SalesTaxRate]

Tax rate lookup table.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	SalesTaxRateID	int, not null	Primary key for SalesTaxRate records.
FK	StateProvinceID	int, not null	State, province, or country/region the sales tax applies to.
	TaxType	tinyint, not null	1 = Tax applied to retail transactions, 2 = Tax applied to wholesale transactions, 3 = Tax applied to all sales (retail and wholesale) transactions.
	TaxRate	smallmoney, not null	Tax rate amount.

	Name	nvarchar(50), not null	Tax rate description.
	rowguid	uniqueidentifier, not null	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Sales].[SalesTerritory]

Sales territory lookup table.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	TerritoryID	int, not null	Primary key for SalesTerritory records.
	Name	nvarchar(50), not null	Sales territory description
	CountryRegionCode	nvarchar(3), not null	ISO standard country or region code. Foreign key to CountryRegion.CountryRegionCode.
	Group	nvarchar(50), not null	Geographic area to which the sales territory belong.
	SalesYTD	money, not null	Sales in the territory year to date.
	SalesLastYear	money, not null	Sales in the territory the previous year.
	CostYTD	money, not null	Business costs in the territory year to date.
	CostLastYear	money, not null	Business costs in the territory the previous year.
	rowguid	uniqueidentifier, not null	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Sales].[SalesTerritoryHistory]

Sales representative transfers to other sales territories.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK ,FK	SalesPersonID	int, not null	Primary key for SalesTerritoryHistory records.
PK ,FK	TerritoryID	int, not null	Territory identification number. Foreign key to SalesTerritory.SalesTerritoryID.
PK	StartDate	datetime, not null	Date the sales representative started work in the territory.
	EndDate	datetime, null	Date the sales representative left work in the territory.
	rowguid	uniqueidentifier,	ROWGUIDCOL number uniquely identifying the

		not null	record. Used to support a merge replication sample.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Sales].[ShoppingCartItem]

Contains online customer orders until the order is submitted or cancelled.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	ShoppingCartItemID	int, not null	Primary key for ShoppingCartItem records.
	ShoppingCartID	nvarchar(50), not null	Shopping cart identification number.
	Quantity	int, not null	Product quantity ordered.
FK	ProductID	int, not null	Product ordered. Foreign key to Product.ProductID.
	DateCreated	datetime, not null	Date the time the record was created.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Sales].[SpecialOffer]

Sale discounts lookup table.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK	SpecialOfferID	int, not null	Primary key for SpecialOffer records.
	Description	nvarchar(255), not null	Discount description.
	DiscountPct	smallmoney, not null	Discount percentage.
	Type	nvarchar(50), not null	Discount type category.
	Category	nvarchar(50), not null	Group the discount applies to such as Reseller or Customer.
	StartDate	datetime, not null	Discount start date.
	EndDate	datetime, not null	Discount end date.
	MinQty	int, not null	Minimum discount percent allowed.
	MaxQty	int, null	Maximum discount percent allowed.
	rowguid	uniqueidentifier, not null	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Sales].[SpecialOfferProduct]

Cross-reference table mapping products to special offer discounts.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK ,FK	SpecialOfferID	int, not null	Primary key for SpecialOfferProduct records.
PK ,FK	ProductID	int, not null	Product identification number. Foreign key to Product.ProductID.
	rowguid	uniqueidentifier, not null	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Sales].[Store]

Customers (resellers) of Adventure Works products.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK ,FK	CustomerID	int, not null	Primary key. Foreign key to Customer.CustomerID.
	Name	nvarchar(50), not null	Name of the store.
FK	SalesPersonID	int, null	ID of the sales person assigned to the customer. Foreign key to SalesPerson.SalesPersonID.
	Demographics	xml, null	Demographic information about the store such as the number of employees, annual sales and store type.
	rowguid	uniqueidentifier, not null	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
	ModifiedDate	datetime, not null	Date and time the record was last updated.

Table: [Sales].[StoreContact]

Cross-reference table mapping stores and their employees.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
PK ,FK	CustomerID	int, not null	Store identification number. Foreign key to Customer.CustomerID.
PK ,FK	ContactID	int, not null	Contact (store employee) identification number. Foreign key to Contact.ContactID.
FK	ContactTypeID	int, not null	Contact type such as owner or purchasing agent. Foreign key to ContactType.ContactTypeID.
	rowguid	uniqueidentifier, not null	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.

	ModifiedDate	datetime, not null	Date and time the record was last updated.
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View: [HumanResources].[vEmployee]

Employee names and addresses.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
	EmployeeID	int, not null	
	Title	nvarchar(8), null	
	FirstName	nvarchar(50), not null	
	MiddleName	nvarchar(50), null	
	LastName	nvarchar(50), not null	
	Suffix	nvarchar(10), null	
	JobTitle	nvarchar(50), not null	
	Phone	nvarchar(25), null	
	EmailAddress	nvarchar(50), null	
	EmailPromotion	int, not null	
	AddressLine1	nvarchar(60), not null	
	AddressLine2	nvarchar(60), null	
	City	nvarchar(30), not null	
	StateProvinceName	nvarchar(50), not null	
	PostalCode	nvarchar(15), not null	
	CountryRegionName	nvarchar(50), not null	
	AdditionalContactInfo	xml, null	

View: [HumanResources].[vEmployeeDepartment]

Returns employee name, title, and current department.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
	EmployeeID	int, not null	
	Title	nvarchar(8), null	

	FirstName	nvarchar(50), not null	
	MiddleName	nvarchar(50), null	
	LastName	nvarchar(50), not null	
	Suffix	nvarchar(10), null	
	JobTitle	nvarchar(50), not null	
	Department	nvarchar(50), not null	
	GroupName	nvarchar(50), not null	
	StartDate	datetime, not null	

View: [HumanResources].[vEmployeeDepartmentHistory]

Returns employee name and current and previous departments.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
	EmployeeID	int, not null	
	Title	nvarchar(8), null	
	FirstName	nvarchar(50), not null	
	MiddleName	nvarchar(50), null	
	LastName	nvarchar(50), not null	
	Suffix	nvarchar(10), null	
	Shift	nvarchar(50), not null	
	Department	nvarchar(50), not null	
	GroupName	nvarchar(50), not null	
	StartDate	datetime, not null	
	EndDate	datetime, null	

View: [HumanResources].[vJobCandidate]

Job candidate names and resumes.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
	JobCandidateID	int, not null	
	EmployeeID	int, null	
	Name.Prefix	nvarchar(30), null	
	Name.First	nvarchar(30), null	
	Name.Middle	nvarchar(30), null	
	Name.Last	nvarchar(30), null	
	Name.Suffix	nvarchar(30), null	
	Skills	nvarchar(max), null	
	Addr.Type	nvarchar(30), null	
	Addr.Loc.CountryRegion	nvarchar(100), null	
	Addr.Loc.State	nvarchar(100), null	
	Addr.Loc.City	nvarchar(100), null	
	Addr.PostalCode	nvarchar(20), null	
	EMail	nvarchar(max), null	
	WebSite	nvarchar(max), null	
	ModifiedDate	datetime, not null	

View: [HumanResources].[v]JobCandidateEducation]

Displays the content from each education related element in the xml column Resume in the HumanResources.JobCandidate table. The content has been localized into French, Simplified Chinese and Thai. Some data may not display correctly unless supplemental language support is installed.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
	JobCandidateID	int, not null	

	Edu.Level	nvarchar(max), null	
	Edu.StartDate	datetime, null	
	Edu.EndDate	datetime, null	
	Edu.Degree	nvarchar(50), null	
	Edu.Major	nvarchar(50), null	
	Edu.Minor	nvarchar(50), null	
	Edu.GPA	nvarchar(5), null	
	Edu.GPAScale	nvarchar(5), null	
	Edu.School	nvarchar(100), null	
	Edu.Loc.CountryRegion	nvarchar(100), null	
	Edu.Loc.State	nvarchar(100), null	
	Edu.Loc.City	nvarchar(100), null	

[View: \[HumanResources\].\[v\]JobCandidateEmployment](#)

Displays the content from each employment history related element in the xml column Resume in the HumanResources.JobCandidate table. The content has been localized into French, Simplified Chinese and Thai. Some data may not display correctly unless supplemental language support is installed.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
	JobCandidateID	int, not null	
	Emp.StartDate	datetime, null	
	Emp.EndDate	datetime, null	
	Emp.OrgName	nvarchar(100), null	
	Emp.JobTitle	nvarchar(100), null	
	Emp.Responsibility	nvarchar(max), null	
	Emp.FunctionCategory	nvarchar(max),	

		null	
	Emp.IndustryCategory	nvarchar(max), null	
	Emp.Loc.CountryRegion	nvarchar(max), null	
	Emp.Loc.State	nvarchar(max), null	
	Emp.Loc.City	nvarchar(max), null	

View: [Person].[vAdditionalContactInfo]

Displays the contact name and content from each element in the xml column AdditionalContactInfo for that person.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
	ContactID	int, not null	
	FirstName	nvarchar(50), not null	
	MiddleName	nvarchar(50), null	
	LastName	nvarchar(50), not null	
	TelephoneNumber	nvarchar(50), null	
	TelephoneSpecialInstructions	nvarchar(max), null	
	Street	nvarchar(50), null	
	City	nvarchar(50), null	
	StateProvince	nvarchar(50), null	
	PostalCode	nvarchar(50), null	
	CountryRegion	nvarchar(50), null	
	HomeAddressSpecialInstructions	nvarchar(max), null	
	EMailAddress	nvarchar(128),	

		null	
	EMailSpecialInstructions	nvarchar(max), null	
	EMailTelephoneNumber	nvarchar(50), null	
	rowguid	uniqueidentifier, not null	
	ModifiedDate	datetime, not null	

View: [Person].[vStateProvinceCountryRegion]

Joins StateProvince table with CountryRegion table.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
	StateProvinceID	int, not null	
	StateProvinceCode	nchar(3), not null	
	IsOnlyStateProvinceFlag	bit, not null	
	StateProvinceName	nvarchar(50), not null	
	TerritoryID	int, not null	
	CountryRegionCode	nvarchar(3), not null	
	CountryRegionName	nvarchar(50), not null	

View: [Production].[vProductAndDescription]

Product names and descriptions. Product descriptions are provided in multiple languages.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
	ProductID	int, not null	
	Name	nvarchar(50), not null	
	ProductModel	nvarchar(50), not null	
	CultureID	nchar(6), not null	
	Description	nvarchar(400), not null	

View: [Production].[vProductModelCatalogDescription]

Displays the content from each element in the xml column CatalogDescription for each product in the Production.ProductModel table that has catalog data.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
	ProductModelID	int, not null	
	Name	nvarchar(50), not null	
	Summary	nvarchar(max), null	
	Manufacturer	nvarchar(max), null	
	Copyright	nvarchar(30), null	
	ProductURL	nvarchar(256), null	
	WarrantyPeriod	nvarchar(256), null	
	WarrantyDescription	nvarchar(256), null	
	NoOfYears	nvarchar(256), null	
	MaintenanceDescription	nvarchar(256), null	
	Wheel	nvarchar(256), null	
	Saddle	nvarchar(256), null	
	Pedal	nvarchar(256), null	
	BikeFrame	nvarchar(max), null	
	Crankset	nvarchar(256), null	
	PictureAngle	nvarchar(256), null	
	PictureSize	nvarchar(256), null	

	ProductPhotoID	nvarchar(256), null	
	Material	nvarchar(256), null	
	Color	nvarchar(256), null	
	ProductLine	nvarchar(256), null	
	Style	nvarchar(256), null	
	RiderExperience	nvarchar(1024), null	
	rowguid	uniqueidentifier, not null	
	ModifiedDate	datetime, not null	

View: [Production].[vProductModelInstructions]

Displays the content from each element in the xml column Instructions for each product in the Production.ProductModel table that has manufacturing instructions.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
	ProductModelID	int, not null	
	Name	nvarchar(50), not null	
	Instructions	nvarchar(max), null	
	LocationID	int, null	
	SetupHours	decimal(9,4), null	
	MachineHours	decimal(9,4), null	
	LaborHours	decimal(9,4), null	
	LotSize	int, null	
	Step	nvarchar(1024), null	
	rowguid	uniqueidentifier, not null	
	ModifiedDate	datetime, not null	

View: [Purchasing].[vVendor]

Vendor (company) names and addresses and the names of vendor employees to contact.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
	VendorID	int, not null	
	Name	nvarchar(50), not null	
	ContactType	nvarchar(50), not null	
	Title	nvarchar(8), null	
	FirstName	nvarchar(50), not null	
	MiddleName	nvarchar(50), null	
	LastName	nvarchar(50), not null	
	Suffix	nvarchar(10), null	
	Phone	nvarchar(25), null	
	EmailAddress	nvarchar(50), null	
	EmailPromotion	int, not null	
	AddressLine1	nvarchar(60), not null	
	AddressLine2	nvarchar(60), null	
	City	nvarchar(30), not null	
	StateProvinceName	nvarchar(50), not null	
	PostalCode	nvarchar(15), not null	
	CountryRegionName	nvarchar(50), not null	

View: [Sales].[vIndividualCustomer]

Individual customers (names and addresses) that purchase Adventure Works Cycles products online.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
	CustomerID	int, not null	
	Title	nvarchar(8), null	
	FirstName	nvarchar(50), not null	

		null	
	MiddleName	nvarchar(50), null	
	LastName	nvarchar(50), not null	
	Suffix	nvarchar(10), null	
	Phone	nvarchar(25), null	
	EmailAddress	nvarchar(50), null	
	EmailPromotion	int, not null	
	AddressType	nvarchar(50), not null	
	AddressLine1	nvarchar(60), not null	
	AddressLine2	nvarchar(60), null	
	City	nvarchar(30), not null	
	StateProvinceName	nvarchar(50), not null	
	PostalCode	nvarchar(15), not null	
	CountryRegionName	nvarchar(50), not null	
	Demographics	xml, null	

View: [Sales].[vIndividualDemographics]

Displays the content from each element in the xml column Demographics for each customer in the Sales.Individual table.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
	CustomerID	int, not null	
	TotalPurchaseYTD	money, null	
	DateFirstPurchase	datetime, null	
	BirthDate	datetime, null	
	MaritalStatus	nvarchar(1), null	
	YearlyIncome	nvarchar(30), null	
	Gender	nvarchar(1),	

		null	
	TotalChildren	int, null	
	NumberChildrenAtHome	int, null	
	Education	nvarchar(30), null	
	Occupation	nvarchar(30), null	
	HomeOwnerFlag	bit, null	
	NumberCarsOwned	int, null	

View: [Sales].[vSalesPerson]

Sales representatives (names and addresses) and their sales-related information.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
	SalesPersonID	int, not null	
	Title	nvarchar(8), null	
	FirstName	nvarchar(50), not null	
	MiddleName	nvarchar(50), null	
	LastName	nvarchar(50), not null	
	Suffix	nvarchar(10), null	
	JobTitle	nvarchar(50), not null	
	Phone	nvarchar(25), null	
	EmailAddress	nvarchar(50), null	
	EmailPromotion	int, not null	
	AddressLine1	nvarchar(60), not null	
	AddressLine2	nvarchar(60), null	
	City	nvarchar(30), not null	
	StateProvinceName	nvarchar(50), not null	
	PostalCode	nvarchar(15), not null	

	CountryRegionName	nvarchar(50), not null	
	TerritoryName	nvarchar(50), null	
	TerritoryGroup	nvarchar(50), null	
	SalesQuota	money, null	
	SalesYTD	money, not null	
	SalesLastYear	money, not null	

View: [Sales].[vSalesPersonSalesByFiscalYears]

Uses PIVOT to return aggregated sales information for each sales representative.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
	SalesPersonID	int, null	
	FullName	nvarchar(152), null	
	Title	nvarchar(50), not null	
	SalesTerritory	nvarchar(50), not null	
	2002	money, null	
	2003	money, null	
	2004	money, null	

View: [Sales].[vStoreWithDemographics]

Stores (names and addresses) that sell Adventure Works Cycles products to consumers.

KEY	COLUMNNAME	DATATYPE	DESCRIPTION
	CustomerID	int, not null	
	Name	nvarchar(50), not null	
	ContactType	nvarchar(50), not null	
	Title	nvarchar(8), null	
	FirstName	nvarchar(50), not null	
	MiddleName	nvarchar(50), null	
	LastName	nvarchar(50), not null	
	Suffix	nvarchar(10), null	

	Phone	nvarchar(25), null	
	EmailAddress	nvarchar(50), null	
	EmailPromotion	int, not null	
	AddressType	nvarchar(50), not null	
	AddressLine1	nvarchar(60), not null	
	AddressLine2	nvarchar(60), null	
	City	nvarchar(30), not null	
	StateProvinceName	nvarchar(50), not null	
	PostalCode	nvarchar(15), not null	
	CountryRegionName	nvarchar(50), not null	
	AnnualSales	money, null	
	AnnualRevenue	money, null	
	BankName	nvarchar(50), null	
	BusinessType	nvarchar(5), null	
	YearOpened	int, null	
	Specialty	nvarchar(50), null	
	SquareFeet	int, null	
	Brands	nvarchar(30), null	
	Internet	nvarchar(30), null	
	NumberEmployees	int, null	

Stored Procedure: [dbo].[uspGetBillOfMaterials]

Stored procedure using a recursive query to return a multi-level bill of material for the specified ProductID.

Stored Procedure: [dbo].[uspGetEmployeeManagers]

Stored procedure using a recursive query to return the direct and indirect managers of the specified employee.

Stored Procedure: [dbo].[uspGetManagerEmployees]

Stored procedure using a recursive query to return the direct and indirect employees of the specified manager.

Stored Procedure: [dbo].[uspGetWhereUsedProductID]

Stored procedure using a recursive query to return all components or assemblies that directly or indirectly use the specified ProductID.

Stored Procedure: [dbo].[uspLogError]

Logs error information in the ErrorLog table about the error that caused execution to jump to the CATCH block of a TRY...CATCH construct. Should be executed from within the scope of a CATCH block otherwise it will return without inserting error information.

Stored Procedure: [dbo].[uspPrintError]

Prints error information about the error that caused execution to jump to the CATCH block of a TRY...CATCH construct. Should be executed from within the scope of a CATCH block otherwise it will return without printing any error information.

Stored Procedure: [HumanResources].[uspUpdateEmployeeHireInfo]

Updates the Employee table and inserts a new row in the EmployeePayHistory table with the values specified in the input parameters.

Stored Procedure: [HumanResources].[uspUpdateEmployeeLogin]

Updates the Employee table with the values specified in the input parameters for the given EmployeeID.

Stored Procedure: [HumanResources].[uspUpdateEmployeePersonalInfo]

Updates the Employee table with the values specified in the input parameters for the given EmployeeID.

Function: [dbo].[ufnGetContactInformation]

Table value function returning the first name, last name, job title and contact type for a given contact.