



The AdventureWorks Company

A Bicycle and Accessories manufacturer

An unofficial relationship diagram of Adventure Works Cycle
the 2019 OLTP Sample Microsoft Database

Schema

dbo

Sales

Human Resources

Production

Purchasing

Person

DatabaseLog			
PK	DatabaseLogID	int	
	PostTime	datetime	
	DatabaseUser	nvarchar(128)	
	Event	nvarchar(128)	
	Schema	nvarchar(128)	
	Object	nvarchar(128)	
	TSQL	nvarchar	
	XmlEvent	xml	

ErrorLog			
PK	ErrorLogID	int	
	ErrorTime	datetime	
	UserName	nvarchar(128)	
	ErrorNumber	int	
	ErrorSeverity	int	
	ErrorState	int	
	ErrorProcedure	nvarchar(126)	
	ErrorLine	int	
	ErrorMessage	nvarchar(4000)	

sysdiagrams			
AK	name	nvarchar(128)	
AK	principal_id	int	
AK	diagram_id	int	
PK	version	int	
	definition	varbinary	

AWBuildVersion			
PK	SystemInformationID	tinyint	
	Database Version	nvarchar(25)	
	VersionDate	datetime	
	ModifiedDate	datetime	

HumanResources.EmployeeDepartmentHistory					
PK,FK	BusinessEntityID	int	smallint	tinyint	
PK,FK	DepartmentID	int	tinyint		
PK,FK	ShiftID	int			
PK	StartDate	date			
	EndDate	date			
	ModifiedDate	datetime			

HumanResources.Shift					
PK	ShiftID	tinyint			
	Name	nvarchar(50)			
	StartTime	time			
	EndTime	time			
	ModifiedDate	datetime			

HumanResources.Department					
PK	DepartmentID	smallint			
	Name	nvarchar(50)			
	GroupName	nvarchar(50)			
	ModifiedDate	datetime			

HumanResources.JobCandidate					
PK	JobCandidateID	int			
FK	BusinessEntityID	int			
	Resume	xml			
	ModifiedDate	datetime			

HumanResources.EmployeePayHistory					
PK,FK	BusinessEntityID	int			
PK	RateChangeDate	int			
	Rate	money			
	PayFrequency	tinyint			
	ModifiedDate	datetime			

Purchasing.Vendor					
PK,FK	BusinessEntityID	int			
	AccountNumber	nvarchar(15)			
	Name	nvarchar(50)			
	CreditRating	tinyint			
	PreferredVendorStatus	bit			
	ActiveFlag	bit			
	PurchasingWebServiceURL	nvarchar(1024)			
	ModifiedDate	datetime			

Purchasing.ProductVendor					
PK,FK	ProductID	int			
PK,FK	BusinessEntityID	int			
	AverageLeadTime	money			
	StandardPrice	money			
	LastReceiptCost	money			
	LastReceiptDate	datetime			
	MinOrderQty	int			
	MaxOrderQty	int			
	OnOrderQty	int			
FK	UnitMeasureCode	nchar(3)			
	ModifiedDate	datetime			

Purchasing.PurchaseOrderDetail					
PK,FK	PurchaseOrderID	int			
PK	PurchaseOrderDetailID	int			
	DueDate	datetime			
	OrderQty	smallint			
FK	ProductID	int			
	UnitPrice	money			
	LineTotal	money			
	ReceivedQty	decimal			
	RejectedQty	decimal			
	StockedQty	decimal			
	ModifiedDate	datetime			

Purchasing.PurchaseOrderHeader					
PK	PurchaseOrderID	int			
	RevisionNumber	tinyint			
	Status	int			
FK	EmployeeID	int			
FK	VendorID	int			
FK	ShipMethodID	int			
	OrderDate	datetime			
	ShipDate	datetime			
	SubTotal	money			
	TaxAmt	money			
	Freight	money			
	TotalDue	money			
	ModifiedDate	datetime			

Purchasing.ShipMethod					
PK	ShipMethodID	int			
	Name	nvarchar(50)			
	ShipBase	money			
	ShipRate	money			
	rowguid	uniqueidentifier			
	ModifiedDate	datetime			

Person.BusinessEntityContact					
PK,FK	BusinessEntityID	int			
PK,FK	PersonID	int			
PK,FK	ContactTypeID	int			
	rowguid	uniqueidentifier			
	ModifiedDate	datetime			

Person.ContactType					
PK	ContactTypeID	int			
	Name	nvarchar(50)			
	ModifiedDate	datetime			

Person.AddressType					
PK	AddressTypeID	int			
	Name	nvarchar(50)			
	rowguid	uniqueidentifier			
	ModifiedDate	datetime			

Production.UnitMeasure					
PK	UnitMeasureCode	nchar(3)			
	Name	nvarchar(50)			
	ModifiedDate	datetime			

HumanResources.Employee

PK,FK	BusinessEntityID	int			
	NationalIDNumber	int			
	LoginID	nvarchar(256)			
	OrganizationNode	hierarchyid(892)			
	OrganizationLevel	smallint			
	JobTitle	nvarchar(50)			
	BirthDate	date			
	MaritalStatus	nchar(1)			
	Gender	nchar(1)			
	HireDate	date			
	SalaryFlag	bit			
	VacationHours	smallint			
	SickLeaveHours	smallint			
	CurrentFlag	bit			
	rowguid	uniqueidentifier			
	ModifiedDate	datetime			

Person.BusinessEntity

PK	BusinessEntityID	int			
	rowguid	uniqueidentifier			
	ModifiedDate	datetime			

Person.Password

PK,FK	BusinessEntityID	int			
	PasswordHash	varchar(128)			
	PasswordSalt	varchar(10)			
	rowguid	uniqueidentifier			
	ModifiedDate	datetime			

Person.Address

PK	AddressID	int			
	AddressLine1	nvarchar(60)			
	AddressLine2	nvarchar(60)			
	City	nvarchar(30)			
FK	StateProvinceID	int			
	PostalCode	nvarchar(15)			
	SpatialLocation	geography			
	rowguid	uniqueidentifier			
	ModifiedDate	datetime			

Person.StateProvince					
PK	StateProvinceID	int			
	StateProvinceCode	nchar(3)			
FK	CountryRegionCode	nvarchar(3)			
	IsOnlyStateProvinceFlag	bit			
	Name	nvarchar(50)			
FK	TerritoryID	int			
	rowguid	uniqueidentifier			
	ModifiedDate	datetime			

Person.EmailAddress					
PK,FK	BusinessEntityID	int			
PK	EmailAddressID	int			
	EmailAddress	nvarchar(50)			
	rowguid	uniqueidentifier			
	ModifiedDate	datetime			

Person.PersonPhone					
PK,FK	BusinessEntityID	int			
PK,FK	PersonID	int			
PK,FK	PhoneNumberTypeID	int			
	PhoneNumber	nvarchar(25)			
	ModifiedDate	datetime			

Person.BusinessEntityAddress					
PK,FK	BusinessEntityID	int			
PK,FK	AddressID	int			
PK,FK	AddressTypeID	int			
	rowguid	uniqueidentifier			
	ModifiedDate	datetime			

Person.Person					
PK,FK	BusinessEntityID	int			
PK	PersonID	int			
	NameStyle	bit			
	Title	nvarchar(8)			
	FirstName	nvarchar(50)			
	MiddleName	nvarchar(50)			
	LastName	nvarchar(50)			
	Suffix	nvarchar(10)			
	EmailPromotion	int			
	AdditionalContactInfo	xml			
	Demographics	xml			
	rowguid	uniqueidentifier			
	ModifiedDate	datetime			

Production.BillOfMaterials					
PK	BillOfMaterialsID	int			
FK	ProductAssemblyID	int			
FK	ComponentID	int			
	StartDate	datetime			
	EndDate	datetime			
FK	UnitMeasureCode	nchar(3)			
	BOMLevel	smallint			
	PerAssemblyQty	decimal			
	ModifiedDate	datetime			

Production.TransactionHistory					
PK	TransactionID	int			
FK	ProductID	int			
	ReferenceOrderID	int			
	ReferenceOrderLineID	int			
	TransactionDate	datetime			
	TransactionType	nchar(1)			
	Quantity	int			
	ActualCost	money			
	ModifiedDate	datetime			

Production.TransactionHistoryArchive					
PK	TransactionID	int			
	ProductID	int			
	ReferenceOrderID	int			
	ReferenceOrderLineID	int			
	TransactionDate	datetime			
	TransactionType	nchar(1)			
	Quantity	int			
	ActualCost	money			
	ModifiedDate	datetime			

Production.TransactionHistoryArchive					
PK	TransactionID	int			
	ProductID	int			
	ReferenceOrderID	int			
	ReferenceOrderLineID	int			
	TransactionDate	datetime			
	TransactionType	nchar(1)			
	Quantity	int			
	ActualCost	money			
	ModifiedDate	datetime			

Production.TransactionHistoryArchive					
PK	TransactionID	int			
	ProductID	int			
	ReferenceOrderID	int			
	ReferenceOrderLineID	int			
	TransactionDate	datetime			
	TransactionType	nchar(1)			
	Quantity	int			
	ActualCost	money			
	ModifiedDate	datetime			

Production.TransactionHistoryArchive					
PK	TransactionID	int			
	ProductID	int			
	ReferenceOrderID	int			
	ReferenceOrderLineID	int			
	TransactionDate	datetime			
	TransactionType	nchar(1)			
	Quantity	int			
	ActualCost	money			
	ModifiedDate	datetime			

Production.TransactionHistoryArchive					
PK	TransactionID	int			
	ProductID	int			
	ReferenceOrderID	int			
	ReferenceOrderLineID	int			
	TransactionDate	datetime			
	TransactionType	nchar(1)			
	Quantity	int			
	ActualCost	money			
	ModifiedDate	datetime			

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PK	TransactionID	int			
	ProductID	int			
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	ActualCost	money			
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PK	TransactionID	int			
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	TransactionDate	datetime			
	TransactionType	nchar(1)			
	Quantity	int			