AdventureWorks 2008
OLTP Schema

Rev 10.00.0009

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Samples and Sample Databases at
http://CodePlex.com/SqlServerSamples

Schemas

- Sales
- Purchasing
- Person
- Production
- HumanResources
- dbo

Sales

SalesPerson
- PK,FK1 BusinessEntityID
- FK2 TerritoryID
- SalesQuota
- Bonus
- CommissionPct
- SalesYTD
- SalesLastYear
- U1 rowguid
- ModifiedDate

SalesPersonQuotaHistory
- PK,FK1 BusinessEntityID
- PK QuotaDate
- SalesQuota
- U1 rowguid
- ModifiedDate

SalesTerritoryHistory
- PK,FK1 BusinessEntityID
- PK,FK2 TerritoryID
- PK StartDate
- EndDate
- U1 rowguid
- ModifiedDate

SalesTerritory
- PK TerritoryID
- U1 Name
- CountryRegionCode
- Group
- SalesYTD
- SalesLastYear
- CostYTD
- CostLastYear
- U1 rowguid
- ModifiedDate

SalesOrderHeader
- PK,U1 BusinessEntityID
- PK SalesOrderID
- FK7 ShipMethodID
- RevisionNumber
- OrderDate
- DueDate
- ShipDate
- Status
- U2 OnlineOrderFlag
- SalesOrderNumber
- PurchaseOrderNumber
- AccountNumber
- FK6 TerritoryID
- FK1 BillToAddressID
- FK2 ShipToAddressID
- FK8 CreditCardID
- CreditCardApprovalCode
- FK4 CurrencyRateID
- SubTotal
- TaxAmt
- Freight
- TotalDue
- Comment
- U1 rowguid
- ModifiedDate

SalesOrderHeaderSalesReason
- PK,FK1 BusinessEntityID
- PK,FK1 SalesOrderID
- PK,FK2 SalesReasonID
- ModifiedDate

SalesReason
- PK SalesReasonID
- Name
- ReasonType
- ModifiedDate

SalesOrderDetail
- PK,FK1 BusinessEntityID
- PK,FK1 SalesOrderID
- PK SalesOrderDetailID
- CarrierTrackingNumber
- OrderQty
- FK2 ProductID
- SpecialOfferID
- UnitPrice
- UnitPriceDiscount
- LineTotal
- U1 rowguid
- ModifiedDate

CurrencyRate
- PK CurrencyRateID
- U1 CurrencyRateDate
- FK1,U1 FromCurrencyCode
- FK2,U1 ToCurrencyCode
- AverageRate
- EndOfDayRate
- ModifiedDate

Currency
- PK CurrencyCode
- U1 Name
- ModifiedDate

SpecialOffer
- PK SpecialOfferID
- Description
- DiscountPct
- Type
- Category
- StartDate
- EndDate
- MinQty
- MaxQty
- U1 rowguid
- ModifiedDate

SpecialOfferProduct
- PK,FK1 SpecialOfferID
- PK,FK1 ProductID
- U1 rowguid
- ModifiedDate

SalesTaxRate
- PK SalesTaxRateID
- FK1,U2 StateProvinceID
- TaxType
- TaxRate
- U1 Name
- rowguid
- ModifiedDate

ShoppingCartItem
- PK ShoppingCartItemID
- ShoppingCartID
- Quantity
- FK1 ProductID
- DateCreated
- ModifiedDate

Store
- PK,FK1,FK2 BusinessEntityID
- Name
- Demographics
- U1 rowguid
- ModifiedDate

Customer
- PK CustomerID
- FK2 PersonID
- FK3 StoreID
- FK1 TerritoryID
- AccountNumber
- U1,U2 rowguid
- ModifiedDate

CreditCard
- PK CreditCardID
- CardType
- CardNumber
- ExpMonth
- ExpYear
- ModifiedDate

PersonCreditCard
- PK,FK2 BusinessEntityID
- PK,FK1 CreditCardID
- ModifiedDate

dbo

AWBuildVersion
- PK SystemInformationID
- Database Version
- VersionDate
- ModifiedDate

ErrorLog
- PK ErrorLogID
- ErrorTime
- UserName
- ErrorNumber
- ErrorSeverity
- ErrorState
- ErrorProcedure
- ErrorLine
- ErrorMessage

DatabaseLog
- PK DatabaseLogID
- PostTime
- DatabaseUser
- Event
- Schema
- Object
- TSQL
- XmlEvent

HumanResources

EmployeeDepartmentHistory
- PK,FK2 BusinessEntityID
- PK,FK1 DepartmentID
- PK StartDate
- PK,FK3 ShiftID
- EndDate
- ModifiedDate

Department
- PK DepartmentID
- U1 Name
- GroupName
- ModifiedDate

Shift
- PK ShiftID
- U1 Name
- U2 StartTime
- U2 EndTime
- ModifiedDate

Employee
- PK,FK1 BusinessEntityID
- U2 NationalIDNumber
- U1 LoginID
- OrganizationNode
- JobTitle
- BirthDate
- MaritalStatus
- Gender
- HireDate
- SalariedFlag
- VacationHours
- SickLeaveHours
- CurrentFlag
- U3 rowguid
- ModifiedDate

JobCandidate
- PK JobCandidateID
- FK1 BusinessEntityID
- Resume
- ModifiedDate

EmployeePayHistory
- PK,FK1 BusinessEntityID
- PK RateChangeDate
- Rate
- PayFrequency
- ModifiedDate

Person

Password
- PK,FK1 BusinessEntityID
- PasswordHash
- PasswordSalt

Address
- PK AddressID
- U2 AddressLine1
- AddressLine2
- U2 City
- FK1,U2 StateProvinceID
- U2 PostalCode
- SpatialLocation
- U1 rowguid
- ModifiedDate

Person
- PK,FK1 BusinessEntityID
- PersonType
- NameStyle
- Title
- FirstName
- MiddleName
- LastName
- Suffix
- EmailPromotion
- AdditionalContactInfo
- Demographics
- U1 rowguid
- ModifiedDate

EmailAddress
- PK,FK1 BusinessEntityID
- PK EmailAddressID
- EmailAddress

StateProvince
- PK StateProvinceID
- U3 StateProvinceCode
- FK1,U3 CountryRegionCode
- IsOnlyStateProvinceFlag
- U1 Name
- FK2 TerritoryID
- U2 rowguid
- ModifiedDate

PersonPhone
- PK,FK1 BusinessEntityID
- PK PhoneNumber
- PK,FK2 PhoneNumberTypeID

PhoneNumberType
- PK PhoneNumberTypeID
- Name

BusinessEntityContact
- PK,FK3 BusinessEntityID
- PK,FK1 PersonID
- FK2 ContactTypeID
- ModifiedDate

ContactType
- PK ContactTypeID
- U1 Name
- ModifiedDate

AddressType
- PK AddressTypeID
- U1 Name
- U2 rowguid
- ModifiedDate

CountryRegion
- PK CountryRegionCode
- U1 Name
- ModifiedDate

BusinessEntityAddress
- PK,FK3 AddressID
- PK,FK2 BusinessEntityID
- FK1 AddressTypeID
- ModifiedDate

BusinessEntity
- PK BusinessEntityID
- rowguid
- ModifiedDate

Production

ProductReview
- PK ProductReviewID
- FK1 ProductID
- ReviewerName
- ReviewDate
- EmailAddress
- Rating
- Comments
- ModifiedDate

ProductListPriceHistory
- PK,FK1 ProductID
- PK StartDate
- EndDate
- ListPrice
- ModifiedDate

ProductPhoto
- PK ProductPhotoID
- ThumbNailPhoto
- ThumbnailPhotoFileName
- LargePhoto
- LargePhotoFileName
- ModifiedDate

ProductModelIllustration
- PK,FK2 ProductModelID
- PK,FK1 IllustrationID
- ModifiedDate

Illustration
- PK IllustrationID
- Diagram
- ModifiedDate

ProductProductPhoto
- PK,FK1 ProductID
- PK,FK2 ProductPhotoID
- Primary
- ModifiedDate

ProductModel
- PK ProductModelID
- U1 Name
- CatalogDescription
- Instructions
- U2 rowguid
- ModifiedDate

ProductModelProductDescriptionCulture
- PK,FK3 ProductModelID
- PK,FK2 ProductDescriptionID
- PK,FK1 CultureID
- ModifiedDate

Product
- PK ProductID
- U1 Name
- U2 ProductNumber
- MakeFlag
- FinishedGoodsFlag
- Color
- SafetyStockLevel
- ReorderPoint
- StandardCost
- ListPrice
- Size
- SizeUnitMeasureCode
- WeightUnitMeasureCode
- Weight
- DaysToManufacture
- ProductLine
- Class
- Style
- FK3 ProductSubcategoryID
- FK4 ProductModelID
- SellStartDate
- SellEndDate
- DiscontinuedDate
- FK2 rowguid
- U3 ModifiedDate

BillOfMaterials
- PK BillOfMaterialsID
- FK1,U1 ProductAssemblyID
- FK2,U1 ComponentID
- U1 StartDate
- EndDate
- FK3 UnitMeasureCode
- BOMLevel
- PerAssemblyQty
- ModifiedDate

ProductSubcategory
- PK ProductSubcategoryID
- FK1 ProductCategoryID
- U1 Name
- U2 rowguid
- ModifiedDate

ProductCategory
- PK ProductCategoryID
- U1 Name
- rowguid
- ModifiedDate

ProductDescription
- PK ProductDescriptionID
- Description
- U1 rowguid
- ModifiedDate

Culture
- PK CultureID
- U1 Name
- ModifiedDate

ProductDocument
- PK,FK2 ProductID
- PK,FK1 DocumentNode
- ModifiedDate

ProductCostHistory
- PK,FK1 ProductID
- PK StartDate
- EndDate
- StandardCost
- ModifiedDate

TransactionHistory
- PK TransactionID
- FK1 ProductID
- ReferenceOrderID
- TransactionDate
- TransactionType
- Quantity
- ActualCost
- ModifiedDate
- ReferenceOrderLineID

ProductInventory
- PK,FK2 ProductID
- PK,FK1 LocationID
- Shelf
- Bin
- Quantity
- rowguid
- ModifiedDate

WorkOrderRouting
- PK,FK2 WorkOrderID
- PK ProductID
- PK OperationSequence
- FK1 LocationID
- ScheduledStartDate
- ScheduledEndDate
- ActualStartDate
- ActualEndDate
- ActualResourceHrs
- PlannedCost
- ActualCost
- ModifiedDate

Document
- PK DocumentNode
- DocumentLevel
- Title
- Owner
- FolderFlag
- FileName
- FileExtension
- Revision
- ChangeNumber
- Status
- DocumentSummary
- Document
- U1 rowguid
- ModifiedDate

TransactionHistoryArchive
- PK TransactionID
- ProductID
- ReferenceOrderID
- TransactionDate
- TransactionType
- Quantity
- ActualCost
- ModifiedDate
- ReferenceOrderLineID

UnitMeasure
- PK UnitMeasureCode
- U1 Name
- ModifiedDate

Location
- PK LocationID
- U1 Name
- CostRate
- Availability
- ModifiedDate

WorkOrder
- PK WorkOrderID
- FK1 ProductID
- OrderQty
- StockedQty
- ScrappedQty
- StartDate
- EndDate
- DueDate
- FK2 ScrapReasonID
- ModifiedDate

ScrapReason
- PK ScrapReasonID
- U1 Name
- ModifiedDate

Purchasing

Vendor
- PK,FK1 BusinessEntityID
- U1 AccountNumber
- Name
- CreditRating
- PreferredVendorStatus
- ActiveFlag
- PurchasingWebServiceURL
- ModifiedDate

PurchaseOrderHeader
- PK PurchaseOrderID
- FK1 ShipMethodID
- FK4 VendorID
- RevisionNumber
- Status
- OrderDate
- ShipDate
- SubTotal
- TaxAmt
- Freight
- TotalDue
- ModifiedDate

PurchaseOrderDetail
- PK,FK2 PurchaseOrderID
- PK PurchaseOrderDetailID
- DueDate
- OrderQty
- FK1 ProductID
- UnitPrice
- LineTotal
- ReceivedQty
- RejectedQty
- StockedQty
- ModifiedDate

ShipMethod
- PK ShipMethodID
- U1 Name
- ShipBase
- ShipRate
- U2 rowguid
- ModifiedDate

ProductVendor
- PK,FK3 BusinessEntityID
- PK,FK1 ProductID
- AverageLeadTime
- StandardPrice
- LastReceiptCost
- LastReceiptDate
- MinOrderQty
- MaxOrderQty
- OnOrderQty
- FK2 UnitMeasureCode
- ModifiedDate

AdventureWorks 2008 Data Warehouse Schema

dbo

AdventureWorksDWBuildVersion

	DBVersion
	VersionDate

DatabaseLog

	DatabaseLogID
	PostTime
	DatabaseUser
	Event
	Schema
	Object
	TSQL
	XmlEvent

DimSalesReason

PK	SalesReasonKey
	SalesReasonAlternateKey
	SalesReasonName
	SalesReasonType

FactInternetSalesReason

PK,FK2	SalesOrderNumber
PK,FK2	SalesOrderLineNumber
PK,FK1	SalesReasonKey

FactInternetSales

	SalesOrderNumber
	SalesOrderLineNumber
FK2,I5	ProductKey
FK3,I4	OrderDateKey
FK4,I3	DueDateKey
FK5,I7	ShipDateKey
FK1,I2	CustomerKey
FK7	PromotionKey
FK6	CurrencyKey
FK8	SalesTerritoryKey
	RevisionNumber
	OrderQuantity
	UnitPrice
	ExtendedAmount
	UnitPriceDiscountPct
	DiscountAmount
	ProductStandardCost
	TotalProductCost
	SalesAmount
	TaxAmt
	Freight
	CarrierTrackingNumber
	CustomerPONumber

DimReseller

PK	**ResellerKey**
FK1	GeographyKey
U1	ResellerAlternateKey
	Phone
	BusinessType
	ResellerName
	NumberEmployees
	OrderFrequency
	OrderMonth
	FirstOrderYear
	LastOrderYear
	ProductLine
	AddressLine1
	AddressLine2
	AnnualSales
	BankName
	MinPaymentType
	MinPaymentAmount
	AnnualRevenue
	YearOpened

FactSurveyResponse

PK	SurveyResponseKey
	DateKey
	CustomerKey
	ProductCategoryKey
	EnglishProductCategoryname
	ProductSubCategoryKey
	EnglishProductSubcategoryName

ProspectiveBuyer

PK	ProspectiveBuyerKey
	ProspectAlternateKey
	FirstName
	MiddleName
	LastName
	BirthDate
	MaritalStatus
	Gender
	EmailAddress
	YearlyIncome
	TotalChildren
	NumberChildrenAtHome
	Education
	Occupation
	HouseOwnerFlag
	NumberCarsOwned
	AddressLine1
	AddressLine2
	City
	StateProvinceCode
	PostalCode
	Phone
	Salutation
	Unknown

DimCustomer

PK	CustomerKey
FK1,I1	GeographyKey
U1	**CustomerAlternateKey**
	Title
	FirstName
	MiddleName
	LastName
	NameStyle
	BirthDate
	MaritalStatus
	Suffix
	Gender
	EmailAddress
	YearlyIncome
	TotalChildren
	NumberChildrenAtHome
	EnglishEducation
	SpanishEducation
	FrenchEducation
	EnglishOccupation
	SpanishOccupation
	FrenchOccupation
	HouseOwnerFlag
	NumberCarsOwned
	AddressLine1
	AddressLine2
	Phone
	DateFirstPurchase
	CommuteDistance

DimAccount

PK	**AccountKey**
FK1	ParentAccountKey
U1	AccountCodeAlternateKey
	ParentAccountCodeAlternateKey
	AccountDescription
	AccountType
	Operator
	CustomMembers
	ValueType
	CustomMemberOptions

DimDepartmentGroup

PK	**DepartmentGroupKey**
FK1	ParentDepartmentGroupKey
	DepartmentGroupName

DimCurrency

PK	CurrencyKey
U1	CurrencyAlternateKey
	CurrencyName

DimGeography

PK	GeographyKey
	City
	StateProvinceCode
	StateProvinceName
	CountryRegionCode
	EnglishCountryRegionName
	SpanishCountryRegionName
	FrenchCountryRegionName
	PostalCode
FK1	SalesTerritoryKey

DimScenario

PK	ScenarioKey
	ScenarioName

FactCurrencyRate

FK1	CurrencyKey
FK2	DateKey
	AverageRate
	EndOfDayRate

DimPromotion

PK	PromotionKey
U1	PromotionAlternateKey
	EnglishPromotionName
	SpanishPromotionName
	FrenchPromotionName
	DiscountPct
	EnglishPromotionType
	SpanishPromotionType
	FrenchPromotionType
	EnglishPromotionCategory
	SpanishPromotionCategory
	FrenchPromotionCategory
	StartDate
	EndDate
	MinQty
	MaxQty

DimProduct

PK	**ProductKey**
U1	ProductAlternateKey
FK1,I1	ProductSubCategoryKey
	WeightUnitMeasureCode
	SizeUnitMeasureCode
	EnglishProductName
	SpanishProductName
	FrenchProductName
	StandardCost
	FinishedGoodsFlag
	Color
	SafetyStockLevel
	ReorderPoint
	ListPrice
	Size
	SizeRange
	Weight
	DaysToManufacture
	ProductLine
	DealerPrice
	Class
	Style
	ModelName
	LargePhoto
	EnglishDescription
	FrenchDescription
	ChineseDescription
	ArabicDescription
	HebrewDescription
	ThaiDescription
	GermanDescription
	JapaneseDescription
	TurkishDescription
	StartDate
	EndDate
	Status

FactFinance

PK	**FinanceKey**
FK5	DateKey
FK3	OrganizationKey
FK2	DepartmentGroupKey
FK4	ScenarioKey
FK1	AccountKey
	Amount

DimDate

PK	**DateKey**
U1	FullDateAlternateKey
	DayNumberOfWeek
	EnglishDayNameOfWeek
	SpanishDayNameOfWeek
	FrenchDayNameOfWeek
	DayNumberOfMonth
	DayNumberOfYear
	EnglishMonthName
	SpanishMonthName
	FrenchMonthName
	WeekNumberOfYear
	MonthNumberOfYear
	CalendarQuarter
	CalendarYear
	CalendarSemester
	FiscalQuarter
	FiscalYear
	FiscalSemester

FactResellerSales

	SalesOrderNumber
	SalesOrderLineNumber
FK1,I5	ProductKey
FK2,I4	OrderDateKey
FK3,I3	DueDateKey
FK4,I7	ShipDateKey
FK8	ResellerKey
FK6	PromotionKey
FK5	CurrencyKey
FK7	SalesTerritoryKey
	RevisionNumber
	OrderQuantity
	UnitPrice
	ExtendedAmount
	UnitPriceDiscountPct
	DiscountAmount
	ProductStandardCost
	TotalProductCost
	SalesAmount
	TaxAmt
	Freight
	CarrierTrackingNumber
	CustomerPONumber

DimEmployee

PK	EmployeeKey
FK1,I1	ParentEmployeeKey
	EmployeeNationalIDAlternateKey
	ParentEmployeeNationalIDAlternateKey
FK2,I2	SalesTerritoryKey
	FirstName
	LastName
	MiddleName
	NameStyle
	Title
	HireDate
	BirthDate
	LoginID
	EmailAddress
	Phone
	MaritalStatus
	EmergencyContactName
	EmergencyContactPhone
	SalariedFlag
	Gender
	PayFrequency
	BaseRate
	VacationHours
	SickLeaveHours
	CurrentFlag
	SalesPersonFlag
	DepartmentName
	StartDate
	EndDate
	Status

DimSalesTerritory

PK	**SalesTerritoryKey**
U1	SalesTerritoryAlternateKey
	SalesTerritoryRegion
	SalesTerritoryCountry
	SalesTerritoryGroup
FK1	GeographyKey

DimOrganization

PK	OrganizationKey
FK1	ParentOrganizationKey
	PercentageOfOwnership
	OrganizationName
	CurrencyKey

DimProductSubcategory

PK	**ProductSubCategoryKey**
U1	ProductSubCategoryAlternateKey
	EnglishProductSubCategoryName
	SpanishProductSubCategoryName
	FrenchProductSubCategoryName
FK1	ProductCategoryKey

DimProductCategory

PK	**ProductCategoryKey**
U1	ProductCategoryAlternateKey
	EnglishProductCategoryName
	SpanishProductCategoryName
	FrenchProductCategoryName

FactSalesQuota

PK	**SalesQuotaKey**
FK1,I1	EmployeeKey
FK2,I2	DateKey
	CalendarYear
	CalendarQuarter
	SalesAmountQuota