SQL Database Documentation

AdventureWorksLT2019

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SQL Instance Information

Provides general information for this item.

General Information

Name	CLUSTER-2K19-2
Description	Microsoft SQL Server 2019 Enterprise Edition (64-bit)
Primary Owner Name	Technical Services
Primary Owner Contact	technicalservices@contoso.com

System Information

Item Path	Contoso Technical Services
Item ID	1115
Version ID	1.03
CheckOut Status	Available

Custom Item Details

This is a demonstration SQL Instance item.

AdventureWorksLT2019

This section provides detailed information relating to the database.

🗄 Database

Date Created	10/09/2020 14:17:57
Description	AdventureWorksLT 2012 Sample OLTP Database
Memory Allocated To Memory Optimized Objects	0.00
Memory Used By Memory Optimized Objects	0.00
Owner	TEST2019\sysadmin
Size (MB)	23.94
Space Available (MB)	15.40
Status	Normal

🧰 Maintenance

Collation	SQL_Latin1_General_CP1_CI_AS

📇 Full-Text Search

Use Full-Text Indexing	True

💾 Backup

Last Database Backup	15/06/2020 20:30:27
Last Log Backup Date	[Not Configured]

🗃 Change Tracking

Change Tracking Enabled	False

🗄 Database Mirroring

Enabled	False

👤 3 Permissions

Name	Grantor	Permission	State
public	dbo	VIEW ANY COLUMN ENCRYPTION KEY DEFINITION	Grant
public	dbo	VIEW ANY COLUMN MASTER KEY DEFINITION	Grant
dbo	dbo	CONNECT	Grant

🖥 1 Extended Properties

Name	Type	Value
🖼 ms_description	String	AdventureWorksLT 2012 Sample OLTP Database

▶ Query Store

Operation Mode (Actual)	Off
Operation Mode (Requested)	Off
Data Flush Interval (Minutes)	15
Statistics Collection Interval	1 hour
Maximum Plans Per Query	200
Max Size (MB)	1,000
Capture Mode	Auto
Size Based Cleanup Mode	Auto
Stale Query Threshold (Days)	30

Name	Type	Value

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Assemblies

Assemblies are DLL files used in an instance of SQL Server to deploy functions, stored procedures, triggers, user-defined aggregates, and user-defined types that are written in one of the managed code languages hosted by the Microsoft.NET Framework common language runtime (CLR), instead of in Transact-SQL.

1 Assemblies

Name	Security Level	Version
Microsoft.SqlServer.Types	Unrestricted	15.0.0.0

Microsoft.SqlServer.Types

Assemblies are DLL files used in an instance of SQL Server to deploy functions, stored procedures, triggers, user-defined aggregates, and user-defined types that are written in one of the managed code languages hosted by the Microsoft.NET Framework common language runtime (CLR), instead of in Transact-SQL.

General Settings

Assembly Security Level	Unrestricted
Date Created	10/02/2012 20:16:00
Strong Named	True
System Object	True
Owner	sys
Version	15.0.0.0

Extended Properties

There are no extended properties defined for this object.

Database Creation Script

This section provides the T-SQL command used to create the database.

 🗐 SQL Script

```sql
CREATE DATABASE [AdventureWorksLT2019]
 CONTAINMENT = NONE
 ON  PRIMARY
( NAME = 'AdventureWorksLT2012_Data'N, FILENAME = 'C:\Program Files\Microsoft SQL
Server\MSSQL15.MSSQLSERVER\MSSQL\DATA\AdventureWorksLT2012.mdf'N , SIZE = 22464KB , MAXSIZE = UNLIMITED,
 FILEGROWTH = 16384KB )
 LOG ON
( NAME = 'AdventureWorksLT2012_Log'N, FILENAME = 'C:\Program Files\Microsoft SQL
Server\MSSQL15.MSSQLSERVER\MSSQL\DATA\AdventureWorksLT2012_log.ldf'N , SIZE = 2048KB , MAXSIZE =
UNLIMITED, FILEGROWTH = 10%)
 COLLATE SQL_Latin1_General_CP1_CI_AS
 WITH CATALOG_COLLATION = DATABASE_DEFAULT
IF (1 = FULLTEXTSERVICEPROPERTY('IsFullTextInstalled'))
begin
EXEC [AdventureWorksLT2019].[dbo].[sp_fulltext_database] @action = 'enable'
end
ALTER DATABASE [AdventureWorksLT2019] SET ANSI_NULL_DEFAULT OFF
ALTER DATABASE [AdventureWorksLT2019] SET ANSI_NULLS ON
ALTER DATABASE [AdventureWorksLT2019] SET ANSI_PADDING ON
ALTER DATABASE [AdventureWorksLT2019] SET ANSI_WARNINGS ON
ALTER DATABASE [AdventureWorksLT2019] SET ARITHABORT ON
ALTER DATABASE [AdventureWorksLT2019] SET AUTO_CLOSE OFF
ALTER DATABASE [AdventureWorksLT2019] SET AUTO_SHRINK OFF
ALTER DATABASE [AdventureWorksLT2019] SET AUTO_UPDATE_STATISTICS ON
ALTER DATABASE [AdventureWorksLT2019] SET CURSOR_CLOSE_ON_COMMIT OFF
ALTER DATABASE [AdventureWorksLT2019] SET CURSOR_DEFAULT  GLOBAL
ALTER DATABASE [AdventureWorksLT2019] SET CONCAT_NULL_YIELDS_NULL ON
ALTER DATABASE [AdventureWorksLT2019] SET NUMERIC_ROUNDABORT OFF
ALTER DATABASE [AdventureWorksLT2019] SET QUOTED_IDENTIFIER ON
ALTER DATABASE [AdventureWorksLT2019] SET RECURSIVE_TRIGGERS OFF
ALTER DATABASE [AdventureWorksLT2019] SET  DISABLE_BROKER
ALTER DATABASE [AdventureWorksLT2019] SET AUTO_UPDATE_STATISTICS_ASYNC OFF
ALTER DATABASE [AdventureWorksLT2019] SET DATE_CORRELATION_OPTIMIZATION OFF
ALTER DATABASE [AdventureWorksLT2019] SET TRUSTWORTHY OFF
ALTER DATABASE [AdventureWorksLT2019] SET ALLOW_SNAPSHOT_ISOLATION OFF
ALTER DATABASE [AdventureWorksLT2019] SET PARAMETERIZATION SIMPLE
ALTER DATABASE [AdventureWorksLT2019] SET READ_COMMITTED_SNAPSHOT OFF
ALTER DATABASE [AdventureWorksLT2019] SET HONOR_BROKER_PRIORITY OFF
ALTER DATABASE [AdventureWorksLT2019] SET RECOVERY SIMPLE
ALTER DATABASE [AdventureWorksLT2019] SET  MULTI_USER
ALTER DATABASE [AdventureWorksLT2019] SET PAGE_VERIFY CHECKSUM
ALTER DATABASE [AdventureWorksLT2019] SET DB_CHAINING OFF
ALTER DATABASE [AdventureWorksLT2019] SET FILESTREAM( NON_TRANSACTED_ACCESS = OFF )
ALTER DATABASE [AdventureWorksLT2019] SET TARGET_RECOVERY_TIME = 0 SECONDS
ALTER DATABASE [AdventureWorksLT2019] SET DELAYED_DURABILITY = DISABLED
ALTER DATABASE [AdventureWorksLT2019] SET QUERY_STORE = OFF
ALTER DATABASE [AdventureWorksLT2019] SET  READ_WRITE
```

Options

This section provides options information relating to the database.

Maintenance

Collation	SQL_Latin1_General_CP1_CI_AS
Recovery Model	Simple
Compatibility Level	SQL Server 2012 (110)
Containment Type	NONE

Automatic

Auto Close	False
Auto Create Incremental Statistics	False
Auto Create Statistics	True
Auto Shrink	False
Auto Update Statistics	True
Auto Update Statistics Asynchronously	False

Containment

Containment Type	NONE
Default Fulltext Language LCID	1033
Default Language Name	English (United States)
Nested Triggers	True
Transform Noise Words	False
Two Digit Year Cutoff	2049

Cursor

Close Cursors On Commit Enabled	False
Default Cursor	GLOBAL

Database Scoped Configurations

Legacy Cardinality Estimation	Off
Legacy Cardinality Estimation For Secondary	Primary
Max DOP	0
Max DOP For Secondary	0
Parameter Sniffing	On
Parameter Sniffing For Secondary	Primary
Query Optimizer Fixes	Off
Query Optimizer Fixes For Secondary	Primary

FILESTREAM

FILESTREAM Directory Name	
FILESTREAM Non-Transacted Access	Off

Miscellaneous

Allow Snapshot Isolation	False
ANSI NULL Default	False
ANSI NULLS Enabled	True
ANSI Padding Enabled	True
ANSI Warnings Enabled	True
Arithmetic Abort Enabled	True
Concatenate Null Yields Null	True
Cross-database Ownership Chaining Enabled	False
Date Correlation Optimization	False
Delayed Durability	Disabled
Is Read Committed Snapshot On	False
Parameterization	Simple
Quoted Identifiers Enabled	True
Recursive Triggers Enabled	False
Trustworthy	False
VarDecimal Storage Format Enabled	True

Recovery

Page Verify	CHECKSUM
Target Recovery Time (Seconds)	0

Service Broker

Broker Enabled	False
Honor Broker Priority	False
Service Broker Identity	bc496221-bc4f-45b3-85dd-6d004e109007

State

Database Read-Only	False
Status	Normal
Encryption Enabled	False
Restrict Access	MULTI_USER

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Files

This section provides information relating to the files used by the database.

AdventureWorksLT2012_Data

File Type	ROWS Data
Primary File	True
Sparse	False
Filegroup Name	PRIMARY
Initial Size (MB)	22
Autogrowth	By 16 MB, Unlimited
Path	C:\Program Files\Microsoft SQL Server\MSSQL15.MSSQLSERVER\MSSQL\DATA
Filename	AdventureWorksLT2012.mdf

AdventureWorksLT2012_Log

File Type	LOG
Sparse	False
Initial Size (MB)	2
Autogrowth	By 10 percent, Unlimited
Path	C:\Program Files\Microsoft SQL Server\MSSQL15.MSSQLSERVER\MSSQL\DATA
Filename	AdventureWorksLT2012_log.ldf

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Filegroups

Filegroups are used to group data files together for administrative, data allocation, and placement purposes.

1 Filegroups

Name	Type	Files	Read-Only	Default	Autogrow All Files
PRIMARY	Rows	1	False	True	False

Stored Procedures

A stored procedure in SQL Server is a group of one or more Transact-SQL statements or a reference to a Microsoft .NET Framework common runtime language (CLR) method.

2 Stored Procedures

Name	Schema	Owner
uspLogError	dbo	dbo
uspPrintError	dbo	dbo

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uspLogError

A stored procedure in SQL Server is a group of one or more Transact-SQL statements or a reference to a Microsoft .NET Framework common runtime language (CLR) method.

General Settings

Schema	dbo
Owner	dbo
Date Created	04/03/2018 17:22:27
Date Last Modified	04/03/2018 17:22:27
System Object	False
Description	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.
Execution Context	Caller

Options

ANSI NULLs	True
Encrypted	False
Quoted Identifier	True
For Replication	False
Recompile	False
Natively Compiled	False
Schema Bound	False

1 Parameters

Name	Data Type	Default Value	Direction
@ErrorLogID	int	0	Input/Output

1 Extended Properties

Name	Type	Value
ms_description	String	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.

```sql
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
-- 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. This should be executed from within the scope
-- of a CATCH block otherwise it will return without inserting error
-- information.
CREATE PROCEDURE [dbo].[uspLogError]
    @ErrorLogID [int] = 0 OUTPUT -- contains the ErrorLogID of the row inserted
AS                               -- by uspLogError in the ErrorLog table
BEGIN
    SET NOCOUNT ON;

    -- Output parameter value of 0 indicates that error
    -- information was not logged
    SET @ErrorLogID = 0;

    BEGIN TRY
        -- Return if there is no error information to log
        IF ERROR_NUMBER() IS NULL
            RETURN;

        -- Return if inside an uncommittable transaction.
        -- Data insertion/modification is not allowed when
        -- a transaction is in an uncommittable state.
        IF XACT_STATE() = -1
        BEGIN
            PRINT 'Cannot log error since the current transaction is in an uncommittable state. '
                + 'Rollback the transaction before executing uspLogError in order to successfully log
error information.';
            RETURN;
        END

        INSERT [dbo].[ErrorLog]
            (
            [UserName],
            [ErrorNumber],
            [ErrorSeverity],
            [ErrorState],
            [ErrorProcedure],
            [ErrorLine],
            [ErrorMessage]
            )
        VALUES
            (
            CONVERT(sysname, CURRENT_USER),
            ERROR_NUMBER(),
            ERROR_SEVERITY(),
            ERROR_STATE(),
            ERROR_PROCEDURE(),
            ERROR_LINE(),
            ERROR_MESSAGE()
            );

        -- Pass back the ErrorLogID of the row inserted
        SET @ErrorLogID = @@IDENTITY;
    END TRY
    BEGIN CATCH
        PRINT 'An error occurred in stored procedure uspLogError: ';
        EXECUTE [dbo].[uspPrintError];
        RETURN -1;
    END CATCH
END;
```

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uspPrintError

A stored procedure in SQL Server is a group of one or more Transact-SQL statements or a reference to a Microsoft .NET Framework common runtime language (CLR) method.

General Settings

Schema	dbo
Owner	dbo
Date Created	04/03/2018 17:22:27
Date Last Modified	04/03/2018 17:22:27
System Object	False
Description	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.
Execution Context	Caller

Options

ANSI NULLs	True
Encrypted	False
Quoted Identifier	True
For Replication	False
Recompile	False
Natively Compiled	False
Schema Bound	False

Parameters

There are no parameters defined.

1 Extended Properties

Name	Type	Value
ms_description	String	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.

```sql
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
-- 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.
CREATE PROCEDURE [dbo].[uspPrintError]
AS
BEGIN
    SET NOCOUNT ON;

    -- Print error information.
    PRINT 'Error ' + CONVERT(varchar(50), ERROR_NUMBER()) +
            ', Severity ' + CONVERT(varchar(5), ERROR_SEVERITY()) +
            ', State ' + CONVERT(varchar(5), ERROR_STATE()) +
            ', Procedure ' + ISNULL(ERROR_PROCEDURE(), '-') +
            ', Line ' + CONVERT(varchar(5), ERROR_LINE());
    PRINT ERROR_MESSAGE();
END;
```

Tables

Tables are database objects that contain all the data in a database. In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each row represents a unique record, and each column represents a field in the record.

⊞ 12 Tables

Name	Schema	Collation	Description
⊞ Address	SalesLT	SQL_Latin1_General_CP1_CI_AS	Street address information for customers.
⊞ BuildVersion	dbo	SQL_Latin1_General_CP1_CI_AS	Current version number of the AdventureWorksLT 2012 sample database.
⊞ Customer	SalesLT	SQL_Latin1_General_CP1_CI_AS	Customer information.
⊞ CustomerAddress	SalesLT	SQL_Latin1_General_CP1_CI_AS	Cross-reference table mapping customers to their address(es).
⊞ ErrorLog	dbo	SQL_Latin1_General_CP1_CI_AS	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.
⊞ Product	SalesLT	SQL_Latin1_General_CP1_CI_AS	Products sold or used in the manfacturing of sold products.
⊞ ProductCategory	SalesLT	SQL_Latin1_General_CP1_CI_AS	High-level product categorization.
⊞ ProductDescription	SalesLT	SQL_Latin1_General_CP1_CI_AS	Product descriptions in several languages.
⊞ ProductModel	SalesLT	SQL_Latin1_General_CP1_CI_AS	
⊞ ProductModelProductDescription	SalesLT	SQL_Latin1_General_CP1_CI_AS	Cross-reference table mapping product descriptions and the language the description is written in.
⊞ SalesOrderDetail	SalesLT	SQL_Latin1_General_CP1_CI_AS	Individual products associated with a specific sales order. See SalesOrderHeader.
⊞ SalesOrderHeader	SalesLT	SQL_Latin1_General_CP1_CI_AS	General sales order information.

Address

Tables are database objects that contain all the data in a database. In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each row represents a unique record, and each column represents a field in the record.

General Settings

Schema	SalesLT
Date Created	04/03/2018 17:22:27
Date Last Modified	04/03/2018 17:22:27
Description	Street address information for customers.
System Object	False
Collation	SQL_Latin1_General_CP1_CI_AS

Options

Temporal Type	None
Durability	SchemaAndData
Memory Optimized	False
ANSI NULLs	True
Quoted Identifier	True
Replicated	False

Change Tracking

Change Tracking Enabled	False
Track Columns Updated	False

GraphDB

Is Edge Table	False
Is Node Table	False

Storage

Filegroup	PRIMARY
Text Filegroup	
Table Partitioned	False
VarDecimal Storage Format Enabled	False
Row Count	450

1 Extended Properties

Name	Type	Value
ms_description	String	Street address information for customers.

```sql
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE TABLE [SalesLT].[Address](
    [AddressID] [int] IDENTITY(1,1) NOT FOR REPLICATION NOT NULL,
    [AddressLine1] [nvarchar](60) COLLATE SQL_Latin1_General_CP1_CI_AS NOT NULL,
    [AddressLine2] [nvarchar](60) COLLATE SQL_Latin1_General_CP1_CI_AS NULL,
    [City] [nvarchar](30) COLLATE SQL_Latin1_General_CP1_CI_AS NOT NULL,
    [StateProvince] [dbo].[Name] NOT NULL,
    [CountryRegion] [dbo].[Name] NOT NULL,
    [PostalCode] [nvarchar](15) COLLATE SQL_Latin1_General_CP1_CI_AS NOT NULL,
    [rowguid] [uniqueidentifier] ROWGUIDCOL  NOT NULL,
    [ModifiedDate] [datetime] NOT NULL
) ON [PRIMARY]
```

```sql
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE TABLE [SalesLT].[Address](
    [AddressID] [int] IDENTITY(1,1) NOT FOR REPLICATION NOT NULL,
```

Columns

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

9 Columns

Name	Data Type	Allow Nulls
AddressID	int	False
AddressLine1	nvarchar(60)	False
AddressLine2	nvarchar(60)	True
City	nvarchar(30)	False
CountryRegion	userdefineddatatype	False
ModifiedDate	datetime	False
PostalCode	nvarchar(15)	False
rowguid	uniqueidentifier	False
StateProvince	userdefineddatatype	False

AddressID

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	int
Default Schema	
Default Value Or Binding	
Description	Primary key for Address records.
Primary Key	True
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	True

Identity

Identity	True
Identity Increment	1
Identity Seed	1

1 Extended Properties

Name	Type	Value
ms_description	String	Primary key for Address records.

AddressLine1

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings	
Allow Nulls	False
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	nvarchar(60)
Default Schema	
Default Value Or Binding	
Description	First street address line.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity	
Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	First street address line.

AddressLine2

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	True
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	nvarchar(60)
Default Schema	
Default Value Or Binding	
Description	Second street address line.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Second street address line.

City

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings	
Allow Nulls	False
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	nvarchar(30)
Default Schema	
Default Value Or Binding	
Description	Name of the city.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity	
Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Name of the city.

CountryRegion

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	userdefineddatatype
Default Schema	
Default Value Or Binding	
Description	
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

Extended Properties

There are no extended properties defined for this object.

ModifiedDate

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	datetime
Default Schema	
Default Value Or Binding	(getdate())
Description	Date and time the record was last updated.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Date and time the record was last updated.

PostalCode

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	nvarchar(15)
Default Schema	
Default Value Or Binding	
Description	Postal code for the street address.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Postal code for the street address.

rowguid

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	uniqueidentifier
Default Schema	
Default Value Or Binding	(newid())
Description	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.

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StateProvince

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	userdefineddatatype
Default Schema	
Default Value Or Binding	
Description	Name of state or province.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Name of state or province.

Foreign Keys

A foreign key (FK) is a column or combination of columns that is used to establish and enforce a link between the data in two tables to control the data that can be stored in the foreign key table.

Foreign Keys
There are no foreign keys defined.

Triggers

A trigger is a special type of stored procedure that automatically runs when an event occurs in the database server.

⊡ Triggers
There are no triggers defined.

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BuildVersion

Tables are database objects that contain all the data in a database. In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each row represents a unique record, and each column represents a field in the record.

General Settings

Schema	dbo
Date Created	04/03/2018 17:22:27
Date Last Modified	04/03/2018 17:22:27
Description	Current version number of the AdventureWorksLT 2012 sample database.
System Object	False
Collation	SQL_Latin1_General_CP1_CI_AS

Options

Temporal Type	None
Durability	SchemaAndData
Memory Optimized	False
ANSI NULLs	True
Quoted Identifier	True
Replicated	False

Change Tracking

Change Tracking Enabled	False
Track Columns Updated	False

GraphDB

Is Edge Table	False
Is Node Table	False

Storage

Filegroup	PRIMARY
Text Filegroup	
Table Partitioned	False
VarDecimal Storage Format Enabled	False
Row Count	1

1 Extended Properties

Name	Type	Value
ms_description	String	Current version number of the AdventureWorksLT 2012 sample database.

```sql
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE TABLE [dbo].[BuildVersion](
    [SystemInformationID] [tinyint] IDENTITY(1,1) NOT NULL,
    [Database Version] [nvarchar](25) COLLATE SQL_Latin1_General_CP1_CI_AS NOT NULL,
    [VersionDate] [datetime] NOT NULL,
    [ModifiedDate] [datetime] NOT NULL
) ON [PRIMARY]
```

```sql
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE TABLE [dbo].[BuildVersion](
    [SystemInformationID] [tinyint] IDENTITY(1,1) NOT NULL,
    [Database Version] [nvarchar](25) COLLATE SQL_Latin1_General_CP1_CI_AS NOT NULL,
```

Columns

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

	4 Columns	
Name	**Data Type**	**Allow Nulls**
Database Version	nvarchar(25)	False
ModifiedDate	datetime	False
SystemInformationID	tinyint	False
VersionDate	datetime	False

Database Version

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	nvarchar(25)
Default Schema	
Default Value Or Binding	
Description	Version number of the database in 9.yy.mm.dd.00 format.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Version number of the database in 9.yy.mm.dd.00 format.

ModifiedDate

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	datetime
Default Schema	
Default Value Or Binding	(getdate())
Description	Date and time the record was last updated.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Date and time the record was last updated.

SystemInformationID

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	tinyint
Default Schema	
Default Value Or Binding	
Description	Primary key for BuildVersion records.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	True
Identity Increment	1
Identity Seed	1

1 Extended Properties

Name	Type	Value
ms_description	String	Primary key for BuildVersion records.

VersionDate

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	datetime
Default Schema	
Default Value Or Binding	
Description	Date and time the record was last updated.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Date and time the record was last updated.

Foreign Keys

A foreign key (FK) is a column or combination of columns that is used to establish and enforce a link between the data in two tables to control the data that can be stored in the foreign key table.

Foreign Keys
There are no foreign keys defined.

Triggers

A trigger is a special type of stored procedure that automatically runs when an event occurs in the database server.

Triggers

There are no triggers defined.

Customer

Tables are database objects that contain all the data in a database. In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each row represents a unique record, and each column represents a field in the record.

General Settings

Schema	SalesLT
Date Created	04/03/2018 17:22:27
Date Last Modified	04/03/2018 17:22:27
Description	Customer information.
System Object	False
Collation	SQL_Latin1_General_CP1_CI_AS

Options

Temporal Type	None
Durability	SchemaAndData
Memory Optimized	False
ANSI NULLs	True
Quoted Identifier	True
Replicated	False

Change Tracking

Change Tracking Enabled	False
Track Columns Updated	False

GraphDB

Is Edge Table	False
Is Node Table	False

Storage

Filegroup	PRIMARY
Text Filegroup	
Table Partitioned	False
VarDecimal Storage Format Enabled	False
Row Count	847

1 Extended Properties

Name	Type	Value
ms_description	String	Customer information.

```
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE TABLE [SalesLT].[Customer](
    [CustomerID] [int] IDENTITY(1,1) NOT FOR REPLICATION NOT NULL,
    [NameStyle] [dbo].[NameStyle] NOT NULL,
    [Title] [nvarchar](8) COLLATE SQL_Latin1_General_CP1_CI_AS NULL,
    [FirstName] [dbo].[Name] NOT NULL,
    [MiddleName] [dbo].[Name] NULL,
    [LastName] [dbo].[Name] NOT NULL,
    [Suffix] [nvarchar](10) COLLATE SQL_Latin1_General_CP1_CI_AS NULL,
    [CompanyName] [nvarchar](128) COLLATE SQL_Latin1_General_CP1_CI_AS NULL,
    [SalesPerson] [nvarchar](256) COLLATE SQL_Latin1_General_CP1_CI_AS NULL,
    [EmailAddress] [nvarchar](50) COLLATE SQL_Latin1_General_CP1_CI_AS NULL,
    [Phone] [dbo].[Phone] NULL,
    [PasswordHash] [varchar](128) COLLATE SQL_Latin1_General_CP1_CI_AS NOT NULL,
    [PasswordSalt] [varchar](10) COLLATE SQL_Latin1_General_CP1_CI_AS NOT NULL,
    [rowguid] [uniqueidentifier] ROWGUIDCOL  NOT NULL,
    [ModifiedDate] [datetime] NOT NULL
) ON [PRIMARY]
```

Columns

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

15 Columns

Name	Data Type	Allow Nulls
CompanyName	nvarchar(128)	True
CustomerID	int	False
EmailAddress	nvarchar(50)	True
FirstName	userdefineddatatype	False
LastName	userdefineddatatype	False
MiddleName	userdefineddatatype	True
ModifiedDate	datetime	False
NameStyle	userdefineddatatype	False
PasswordHash	varchar(128)	False
PasswordSalt	varchar(10)	False
Phone	userdefineddatatype	True
rowguid	uniqueidentifier	False
SalesPerson	nvarchar(256)	True
Suffix	nvarchar(10)	True
Title	nvarchar(8)	True

Contoso Technical Services

CompanyName

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	True
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	nvarchar(128)
Default Schema	
Default Value Or Binding	
Description	The customer's organization.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	The customer's organization.

CustomerID

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	int
Default Schema	
Default Value Or Binding	
Description	Primary key for Customer records.
Primary Key	True
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	True

Identity

Identity	True
Identity Increment	1
Identity Seed	1

1 Extended Properties

Name	Type	Value
ms_description	String	Primary key for Customer records.

EmailAddress

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	True
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	nvarchar(50)
Default Schema	
Default Value Or Binding	
Description	E-mail address for the person.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	E-mail address for the person.

FirstName

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	userdefineddatatype
Default Schema	
Default Value Or Binding	
Description	First name of the person.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	First name of the person.

LastName

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	userdefineddatatype
Default Schema	
Default Value Or Binding	
Description	Last name of the person.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Last name of the person.

MiddleName

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	True
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	userdefineddatatype
Default Schema	
Default Value Or Binding	
Description	Middle name or middle initial of the person.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Middle name or middle initial of the person.

ModifiedDate

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	datetime
Default Schema	
Default Value Or Binding	(getdate())
Description	Date and time the record was last updated.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Date and time the record was last updated.

NameStyle

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings	
Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	userdefineddatatype
Default Schema	
Default Value Or Binding	((0))
Description	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.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity	
Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	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.

PasswordHash

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	varchar(128)
Default Schema	
Default Value Or Binding	
Description	Password for the e-mail account.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Password for the e-mail account.

PasswordSalt

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	varchar(10)
Default Schema	
Default Value Or Binding	
Description	Random value concatenated with the password string before the password is hashed.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Random value concatenated with the password string before the password is hashed.

Phone

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings	
Allow Nulls	True
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	userdefineddatatype
Default Schema	
Default Value Or Binding	
Description	Phone number associated with the person.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity	
Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Phone number associated with the person.

rowguid

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	uniqueidentifier
Default Schema	
Default Value Or Binding	(newid())
Description	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.

SalesPerson

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	True
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	nvarchar(256)
Default Schema	
Default Value Or Binding	
Description	The customer's sales person, an employee of AdventureWorks Cycles.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	The customer's sales person, an employee of AdventureWorks Cycles.

Suffix

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	True
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	nvarchar(10)
Default Schema	
Default Value Or Binding	
Description	Surname suffix. For example, Sr. or Jr.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Surname suffix. For example, Sr. or Jr.

Title

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

▤ General Settings

Allow Nulls	True
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	nvarchar(8)
Default Schema	
Default Value Or Binding	
Description	A courtesy title. For example, Mr. or Ms.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

◇ Identity

Identity	False

🖵 1 Extended Properties

Name	Type	Value
🖵 ms_description	String	A courtesy title. For example, Mr. or Ms.

Foreign Keys

A foreign key (FK) is a column or combination of columns that is used to establish and enforce a link between the data in two tables to control the data that can be stored in the foreign key table.

Foreign Keys

There are no foreign keys defined.

Triggers

A trigger is a special type of stored procedure that automatically runs when an event occurs in the database server.

⊡ Triggers

There are no triggers defined.

CustomerAddress

Tables are database objects that contain all the data in a database. In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each row represents a unique record, and each column represents a field in the record.

▦ General Settings

Schema	SalesLT
Date Created	04/03/2018 17:22:27
Date Last Modified	04/03/2018 17:22:27
Description	Cross-reference table mapping customers to their address(es).
System Object	False
Collation	SQL_Latin1_General_CP1_CI_AS

⚙ Options

Temporal Type	None
Durability	SchemaAndData
Memory Optimized	False
ANSI NULLs	True
Quoted Identifier	True
Replicated	False

📝 Change Tracking

Change Tracking Enabled	False
Track Columns Updated	False

▦ GraphDB

Is Edge Table	False
Is Node Table	False

▦ Storage

Filegroup	PRIMARY
Text Filegroup	
Table Partitioned	False
VarDecimal Storage Format Enabled	False
Row Count	417

📝 1 Extended Properties

Name	Type	Value
📝 ms_description	String	Cross-reference table mapping customers to their address(es).

```
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE TABLE [SalesLT].[CustomerAddress](
    [CustomerID] [int] NOT NULL,
    [AddressID] [int] NOT NULL,
    [AddressType] [dbo].[Name] NOT NULL,
    [rowguid] [uniqueidentifier] ROWGUIDCOL  NOT NULL,
    [ModifiedDate] [datetime] NOT NULL
) ON [PRIMARY]
```

```
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE TABLE [SalesLT].[CustomerAddress](
    [CustomerID] [int] NOT NULL,
    [AddressID] [int] NOT NULL,
```

Columns

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

5 Columns

Name	Data Type	Allow Nulls
AddressID	int	False
AddressType	userdefineddatatype	False
CustomerID	int	False
ModifiedDate	datetime	False
rowguid	uniqueidentifier	False

AddressID

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	int
Default Schema	
Default Value Or Binding	
Description	Primary key. Foreign key to Address.AddressID.
Primary Key	True
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	True
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Primary key. Foreign key to Address.AddressID.

AddressType

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	userdefineddatatype
Default Schema	
Default Value Or Binding	
Description	The kind of Address. One of: Archive, Billing, Home, Main Office, Primary, Shipping
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	The kind of Address. One of: Archive, Billing, Home, Main Office, Primary, Shipping

CustomerID

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

⚿ General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	int
Default Schema	
Default Value Or Binding	
Description	Primary key. Foreign key to Customer.CustomerID.
Primary Key	True
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	True
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

◇ Identity

Identity	False

🖵 1 Extended Properties

Name	Type	Value
🖵 ms_description	String	Primary key. Foreign key to Customer.CustomerID.

ModifiedDate

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	datetime
Default Schema	
Default Value Or Binding	(getdate())
Description	Date and time the record was last updated.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Date and time the record was last updated.

rowguid

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	uniqueidentifier
Default Schema	
Default Value Or Binding	(newid())
Description	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.

Foreign Keys

A foreign key (FK) is a column or combination of columns that is used to establish and enforce a link between the data in two tables to control the data that can be stored in the foreign key table.

2 Foreign Keys

Name	Enabled	Referenced Table Name
FK_CustomerAddress_Address_AddressID	True	Address
FK_CustomerAddress_Customer_CustomerID	True	Customer

FK_CustomerAddress_Address_AddressID

A foreign key (FK) is a column or combination of columns that is used to establish and enforce a link between the data in two tables to control the data that can be stored in the foreign key table.

General Settings

Is Checked	True
Is Enabled	True
Not For Replication	False

INSERT And UPDATE Specification

Parent Table Name	CustomerAddress
Columns	AddressID
Referenced Table Name	Address
Referenced Columns	AddressID

INSERT And UPDATE Specification

Delete Action	No Action
Update Action	No Action

1 Extended Properties

Name	Type	Value
MS_Description	String	Foreign key constraint referencing Address.AddressID.

FK_CustomerAddress_Customer_CustomerID

A foreign key (FK) is a column or combination of columns that is used to establish and enforce a link between the data in two tables to control the data that can be stored in the foreign key table.

General Settings

Is Checked	True
Is Enabled	True
Not For Replication	False

INSERT And UPDATE Specification

Parent Table Name	CustomerAddress
Columns	CustomerID
Referenced Table Name	Customer
Referenced Columns	CustomerID

INSERT And UPDATE Specification

Delete Action	No Action
Update Action	No Action

1 Extended Properties

Name	Type	Value
MS_Description	String	Foreign key constraint referencing Customer.CustomerID.

Triggers

A trigger is a special type of stored procedure that automatically runs when an event occurs in the database server.

⊡ Triggers

There are no triggers defined.

Triggers

A trigger is a special type of stored procedure that automatically runs when an event occurs in the database server.

ErrorLog

Tables are database objects that contain all the data in a database. In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each row represents a unique record, and each column represents a field in the record.

⊞ General Settings

Schema	dbo
Date Created	04/03/2018 17:22:27
Date Last Modified	04/03/2018 17:22:27
Description	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.
System Object	False
Collation	SQL_Latin1_General_CP1_CI_AS

🔧 Options

Temporal Type	None
Durability	SchemaAndData
Memory Optimized	False
ANSI NULLs	True
Quoted Identifier	True
Replicated	False

📇 Change Tracking

Change Tracking Enabled	False
Track Columns Updated	False

⊞ GraphDB

Is Edge Table	False
Is Node Table	False

🗄 Storage

Filegroup	PRIMARY
Text Filegroup	
Table Partitioned	False
VarDecimal Storage Format Enabled	False
Row Count	0

🗋 1 Extended Properties

Name	Type	Value

| | ms_description | String | 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. |

```sql
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE TABLE [dbo].[ErrorLog](
    [ErrorLogID] [int] IDENTITY(1,1) NOT NULL,
    [ErrorTime] [datetime] NOT NULL,
    [UserName] [sysname] COLLATE SQL_Latin1_General_CP1_CI_AS NOT NULL,
    [ErrorNumber] [int] NOT NULL,
    [ErrorSeverity] [int] NULL,
    [ErrorState] [int] NULL,
    [ErrorProcedure] [nvarchar](126) COLLATE SQL_Latin1_General_CP1_CI_AS NULL,
    [ErrorLine] [int] NULL,
    [ErrorMessage] [nvarchar](4000) COLLATE SQL_Latin1_General_CP1_CI_AS NOT NULL
) ON [PRIMARY]
```

```sql
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE TABLE [dbo].[ErrorLog](
    [ErrorLogID] [int] IDENTITY(1,1) NOT NULL,
```

Columns

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

9 Columns

Name	Data Type	Allow Nulls
ErrorLine	int	True
ErrorLogID	int	False
ErrorMessage	nvarchar(4000)	False
ErrorNumber	int	False
ErrorProcedure	nvarchar(126)	True
ErrorSeverity	int	True
ErrorState	int	True
ErrorTime	datetime	False
UserName	sysname	False

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ErrorLine

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	True
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	int
Default Schema	
Default Value Or Binding	
Description	The line number at which the error occurred.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	The line number at which the error occurred.

ErrorLogID

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	int
Default Schema	
Default Value Or Binding	
Description	Primary key for ErrorLog records.
Primary Key	True
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	True
Identity Increment	1
Identity Seed	1

1 Extended Properties

Name	Type	Value
ms_description	String	Primary key for ErrorLog records.

ErrorMessage

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	nvarchar(4000)
Default Schema	
Default Value Or Binding	
Description	The message text of the error that occurred.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	The message text of the error that occurred.

ErrorNumber

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	int
Default Schema	
Default Value Or Binding	
Description	The error number of the error that occurred.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	The error number of the error that occurred.

ErrorProcedure

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	True
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	nvarchar(126)
Default Schema	
Default Value Or Binding	
Description	The name of the stored procedure or trigger where the error occurred.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	The name of the stored procedure or trigger where the error occurred.

ErrorSeverity

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	True
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	int
Default Schema	
Default Value Or Binding	
Description	The severity of the error that occurred.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	The severity of the error that occurred.

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ErrorState

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	True
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	int
Default Schema	
Default Value Or Binding	
Description	The state number of the error that occurred.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	The state number of the error that occurred.

ErrorTime

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	datetime
Default Schema	
Default Value Or Binding	(getdate())
Description	The date and time at which the error occurred.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	The date and time at which the error occurred.

UserName

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	sysname
Default Schema	
Default Value Or Binding	
Description	The user who executed the batch in which the error occurred.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	The user who executed the batch in which the error occurred.

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Foreign Keys

A foreign key (FK) is a column or combination of columns that is used to establish and enforce a link between the data in two tables to control the data that can be stored in the foreign key table.

🔑 Foreign Keys

There are no foreign keys defined.

Triggers

A trigger is a special type of stored procedure that automatically runs when an event occurs in the database server.

⚡ Triggers
There are no triggers defined.

Product

Tables are database objects that contain all the data in a database. In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each row represents a unique record, and each column represents a field in the record.

⊞ General Settings

Schema	SalesLT
Date Created	04/03/2018 17:22:27
Date Last Modified	04/03/2018 17:22:27
Description	Products sold or used in the manfacturing of sold products.
System Object	False
Collation	SQL_Latin1_General_CP1_CI_AS

🔧 Options

Temporal Type	None
Durability	SchemaAndData
Memory Optimized	False
ANSI NULLs	True
Quoted Identifier	True
Replicated	False

📝 Change Tracking

Change Tracking Enabled	False
Track Columns Updated	False

⊞ GraphDB

Is Edge Table	False
Is Node Table	False

⊞ Storage

Filegroup	PRIMARY
Text Filegroup	PRIMARY
Table Partitioned	False
VarDecimal Storage Format Enabled	False
Row Count	295

📷 1 Extended Properties

Name	Type	Value
📷 ms_description	String	Products sold or used in the manfacturing of sold products.

SQL Script

```sql
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE TABLE [SalesLT].[Product](
    [ProductID] [int] IDENTITY(1,1) NOT NULL,
    [Name] [dbo].[Name] NOT NULL,
    [ProductNumber] [nvarchar](25) COLLATE SQL_Latin1_General_CP1_CI_AS NOT NULL,
    [Color] [nvarchar](15) COLLATE SQL_Latin1_General_CP1_CI_AS NULL,
    [StandardCost] [money] NOT NULL,
    [ListPrice] [money] NOT NULL,
    [Size] [nvarchar](5) COLLATE SQL_Latin1_General_CP1_CI_AS NULL,
    [Weight] [decimal](8, 2) NULL,
    [ProductCategoryID] [int] NULL,
    [ProductModelID] [int] NULL,
    [SellStartDate] [datetime] NOT NULL,
    [SellEndDate] [datetime] NULL,
    [DiscontinuedDate] [datetime] NULL,
    [ThumbNailPhoto] [varbinary](max) NULL,
    [ThumbnailPhotoFileName] [nvarchar](50) COLLATE SQL_Latin1_General_CP1_CI_AS NULL,
    [rowguid] [uniqueidentifier] ROWGUIDCOL  NOT NULL,
    [ModifiedDate] [datetime] NOT NULL
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
```

Columns

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

▤ 17 Columns

Name	Data Type	Allow Nulls
▤ Color	nvarchar(15)	True
▤ DiscontinuedDate	datetime	True
▤ ListPrice	money	False
▤ ModifiedDate	datetime	False
▤ Name	userdefineddatatype	False
☞ ProductCategoryID	int	True
☞ ProductID	int	False
☞ ProductModelID	int	True
▤ ProductNumber	nvarchar(25)	False
▤ rowguid	uniqueidentifier	False
▤ SellEndDate	datetime	True
▤ SellStartDate	datetime	False
▤ Size	nvarchar(5)	True
▤ StandardCost	money	False
▤ ThumbNailPhoto	varbinary(MAX)	True
▤ ThumbnailPhotoFileName	nvarchar(50)	True
▤ Weight	decimal(8, 2)	True

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Color

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

📇 General Settings

Allow Nulls	True
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	nvarchar(15)
Default Schema	
Default Value Or Binding	
Description	Product color.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

🔖 Identity

Identity	False

🖥 1 Extended Properties

Name	Type	Value
🖥 ms_description	String	Product color.

DiscontinuedDate

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	True
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	datetime
Default Schema	
Default Value Or Binding	
Description	Date the product was discontinued.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Date the product was discontinued.

ListPrice

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	money
Default Schema	
Default Value Or Binding	
Description	Selling price.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Selling price.

ModifiedDate

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	datetime
Default Schema	
Default Value Or Binding	(getdate())
Description	Date and time the record was last updated.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Date and time the record was last updated.

Name

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	userdefineddatatype
Default Schema	
Default Value Or Binding	
Description	Name of the product.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Name of the product.

ProductCategoryID

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	True
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	int
Default Schema	
Default Value Or Binding	
Description	Product is a member of this product category. Foreign key to ProductCategory.ProductCategoryID.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	True
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Product is a member of this product category. Foreign key to ProductCategory.ProductCategoryID.

ProductID

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

📧 General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	int
Default Schema	
Default Value Or Binding	
Description	Primary key for Product records.
Primary Key	True
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

🔷 Identity

Identity	True
Identity Increment	1
Identity Seed	1

🖼 1 Extended Properties

Name	Type	Value
🖼 ms_description	String	Primary key for Product records.

ProductModelID

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	True
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	int
Default Schema	
Default Value Or Binding	
Description	Product is a member of this product model. Foreign key to ProductModel.ProductModelID.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	True
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Product is a member of this product model. Foreign key to ProductModel.ProductModelID.

ProductNumber

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	nvarchar(25)
Default Schema	
Default Value Or Binding	
Description	Unique product identification number.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Unique product identification number.

rowguid

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	uniqueidentifier
Default Schema	
Default Value Or Binding	(newid())
Description	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.

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SellEndDate

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	True
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	datetime
Default Schema	
Default Value Or Binding	
Description	Date the product was no longer available for sale.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Date the product was no longer available for sale.

SellStartDate

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	datetime
Default Schema	
Default Value Or Binding	
Description	Date the product was available for sale.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Date the product was available for sale.

Size

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	True
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	nvarchar(5)
Default Schema	
Default Value Or Binding	
Description	Product size.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Product size.

StandardCost

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	money
Default Schema	
Default Value Or Binding	
Description	Standard cost of the product.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Standard cost of the product.

ThumbNailPhoto

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	True
ANSI Padding Status	True
Collation	
Computed Text	
Data Type	varbinary(MAX)
Default Schema	
Default Value Or Binding	
Description	Small image of the product.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Small image of the product.

ThumbnailPhotoFileName

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	True
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	nvarchar(50)
Default Schema	
Default Value Or Binding	
Description	Small image file name.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Small image file name.

Weight

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	True
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	decimal(8, 2)
Default Schema	
Default Value Or Binding	
Description	Product weight.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Product weight.

Foreign Keys

A foreign key (FK) is a column or combination of columns that is used to establish and enforce a link between the data in two tables to control the data that can be stored in the foreign key table.

2 Foreign Keys

Name	Enabled	Referenced Table Name
FK_Product_ProductCategory_ProductCategoryID	True	ProductCategory
FK_Product_ProductModel_ProductModelID	True	ProductModel

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FK_Product_ProductCategory_ProductCategoryID

A foreign key (FK) is a column or combination of columns that is used to establish and enforce a link between the data in two tables to control the data that can be stored in the foreign key table.

General Settings

Is Checked	True
Is Enabled	True
Not For Replication	False

INSERT And UPDATE Specification

Parent Table Name	Product
Columns	ProductCategoryID
Referenced Table Name	ProductCategory
Referenced Columns	ProductCategoryID

INSERT And UPDATE Specification

Delete Action	No Action
Update Action	No Action

1 Extended Properties

Name	Type	Value
MS_Description	String	Foreign key constraint referencing ProductCategory.ProductCategoryID.

FK_Product_ProductModel_ProductModelID

A foreign key (FK) is a column or combination of columns that is used to establish and enforce a link between the data in two tables to control the data that can be stored in the foreign key table.

🔑 General Settings

Is Checked	True
Is Enabled	True
Not For Replication	False

⊞ INSERT And UPDATE Specification

Parent Table Name	Product
Columns	ProductModelID
Referenced Table Name	ProductModel
Referenced Columns	ProductModelID

⊞ INSERT And UPDATE Specification

Delete Action	No Action
Update Action	No Action

🚩 1 Extended Properties

Name	Type	Value
🚩 MS_Description	String	Foreign key constraint referencing ProductModel.ProductModelID.

Triggers

A trigger is a special type of stored procedure that automatically runs when an event occurs in the database server.

Triggers

There are no triggers defined.

ProductCategory

Tables are database objects that contain all the data in a database. In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each row represents a unique record, and each column represents a field in the record.

🗔 General Settings

Schema	SalesLT
Date Created	04/03/2018 17:22:27
Date Last Modified	04/03/2018 17:22:27
Description	High-level product categorization.
System Object	False
Collation	SQL_Latin1_General_CP1_CI_AS

🔧 Options

Temporal Type	None
Durability	SchemaAndData
Memory Optimized	False
ANSI NULLs	True
Quoted Identifier	True
Replicated	False

📝 Change Tracking

Change Tracking Enabled	False
Track Columns Updated	False

🗔 GraphDB

Is Edge Table	False
Is Node Table	False

🗔 Storage

Filegroup	PRIMARY
Text Filegroup	
Table Partitioned	False
VarDecimal Storage Format Enabled	False
Row Count	41

📋 1 Extended Properties

Name	Type	Value
📋 ms_description	String	High-level product categorization.

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```sql
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE TABLE [SalesLT].[ProductCategory](
    [ProductCategoryID] [int] IDENTITY(1,1) NOT NULL,
    [ParentProductCategoryID] [int] NULL,
    [Name] [dbo].[Name] NOT NULL,
    [rowguid] [uniqueidentifier] ROWGUIDCOL  NOT NULL,
    [ModifiedDate] [datetime] NOT NULL
) ON [PRIMARY]
```

```sql
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE TABLE [SalesLT].[ProductCategory](
    [ProductCategoryID] [int] IDENTITY(1,1) NOT NULL,
```

Columns

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

5 Columns		

Name	Data Type	Allow Nulls
ModifiedDate	datetime	False
Name	userdefineddatatype	False
ParentProductCategoryID	int	True
ProductCategoryID	int	False
rowguid	uniqueidentifier	False

ModifiedDate

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	datetime
Default Schema	
Default Value Or Binding	(getdate())
Description	Date and time the record was last updated.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Date and time the record was last updated.

Name

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	userdefineddatatype
Default Schema	
Default Value Or Binding	
Description	Category description.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Category description.

ParentProductCategoryID

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	True
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	int
Default Schema	
Default Value Or Binding	
Description	Product category identification number of immediate ancestor category. Foreign key to ProductCategory.ProductCategoryID.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	True
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Product category identification number of immediate ancestor category. Foreign key to ProductCategory.ProductCategoryID.

ProductCategoryID

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	int
Default Schema	
Default Value Or Binding	
Description	Primary key for ProductCategory records.
Primary Key	True
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	True
Identity Increment	1
Identity Seed	1

1 Extended Properties

Name	Type	Value
ms_description	String	Primary key for ProductCategory records.

rowguid

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	uniqueidentifier
Default Schema	
Default Value Or Binding	(newid())
Description	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.

Contoso Technical Services

Foreign Keys

A foreign key (FK) is a column or combination of columns that is used to establish and enforce a link between the data in two tables to control the data that can be stored in the foreign key table.

1 Foreign Keys

Name	Enabled	Referenced Table Name
FK_ProductCategory_ProductCategory_ParentProductCategoryID_ProductCategoryID	True	ProductCategory

FK_ProductCategory_ProductCategory_ParentProductCategoryID_ProductCategoryID

A foreign key (FK) is a column or combination of columns that is used to establish and enforce a link between the data in two tables to control the data that can be stored in the foreign key table.

General Settings

Is Checked	True
Is Enabled	True
Not For Replication	False

INSERT And UPDATE Specification

Parent Table Name	ProductCategory
Columns	ParentProductCategoryID
Referenced Table Name	ProductCategory
Referenced Columns	ProductCategoryID

INSERT And UPDATE Specification

Delete Action	No Action
Update Action	No Action

1 Extended Properties

Name	Type	Value
MS_Description	String	Foreign key constraint referencing ProductCategory.ProductCategoryID.

Triggers

A trigger is a special type of stored procedure that automatically runs when an event occurs in the database server.

🗔 Triggers

There are no triggers defined.

ProductDescription

Tables are database objects that contain all the data in a database. In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each row represents a unique record, and each column represents a field in the record.

General Settings

Schema	SalesLT
Date Created	04/03/2018 17:22:27
Date Last Modified	04/03/2018 17:22:27
Description	Product descriptions in several languages.
System Object	False
Collation	SQL_Latin1_General_CP1_CI_AS

Options

Temporal Type	None
Durability	SchemaAndData
Memory Optimized	False
ANSI NULLs	True
Quoted Identifier	True
Replicated	False

Change Tracking

Change Tracking Enabled	False
Track Columns Updated	False

GraphDB

Is Edge Table	False
Is Node Table	False

Storage

Filegroup	PRIMARY
Text Filegroup	
Table Partitioned	False
VarDecimal Storage Format Enabled	False
Row Count	762

1 Extended Properties

Name	Type	Value
ms_description	String	Product descriptions in several languages.

```
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE TABLE [SalesLT].[ProductDescription](
    [ProductDescriptionID] [int] IDENTITY(1,1) NOT NULL,
    [Description] [nvarchar](400) COLLATE SQL_Latin1_General_CP1_CI_AS NOT NULL,
    [rowguid] [uniqueidentifier] ROWGUIDCOL  NOT NULL,
    [ModifiedDate] [datetime] NOT NULL
) ON [PRIMARY]
```

Columns

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

Name	Data Type	Allow Nulls
4 Columns		
Description	nvarchar(400)	False
ModifiedDate	datetime	False
ProductDescriptionID	int	False
rowguid	uniqueidentifier	False

Description

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	nvarchar(400)
Default Schema	
Default Value Or Binding	
Description	Description of the product.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Description of the product.

ModifiedDate

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	datetime
Default Schema	
Default Value Or Binding	(getdate())
Description	Date and time the record was last updated.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Date and time the record was last updated.

ProductDescriptionID

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

⚷ General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	int
Default Schema	
Default Value Or Binding	
Description	Primary key for ProductDescription records.
Primary Key	True
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

◇ Identity

Identity	True
Identity Increment	1
Identity Seed	1

▦ 1 Extended Properties

Name	Type	Value
▦ ms_description	String	Primary key for ProductDescription records.

rowguid

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	uniqueidentifier
Default Schema	
Default Value Or Binding	(newid())
Description	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.

Foreign Keys

A foreign key (FK) is a column or combination of columns that is used to establish and enforce a link between the data in two tables to control the data that can be stored in the foreign key table.

🔑 Foreign Keys

There are no foreign keys defined.

Triggers

A trigger is a special type of stored procedure that automatically runs when an event occurs in the database server.

⊡ Triggers

There are no triggers defined.

Contoso Technical Services

ProductModel

Tables are database objects that contain all the data in a database. In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each row represents a unique record, and each column represents a field in the record.

⊞ General Settings

Schema	SalesLT
Date Created	04/03/2018 17:22:27
Date Last Modified	04/03/2018 17:22:27
Description	
System Object	False
Collation	SQL_Latin1_General_CP1_CI_AS

🔧 Options

Temporal Type	None
Durability	SchemaAndData
Memory Optimized	False
ANSI NULLs	True
Quoted Identifier	True
Replicated	False

📝 Change Tracking

Change Tracking Enabled	False
Track Columns Updated	False

⊞ GraphDB

Is Edge Table	False
Is Node Table	False

⊞ Storage

Filegroup	PRIMARY
Text Filegroup	PRIMARY
Table Partitioned	False
VarDecimal Storage Format Enabled	False
Row Count	128

🖵 Extended Properties

There are no extended properties defined for this object.

```sql
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE TABLE [SalesLT].[ProductModel](
    [ProductModelID] [int] IDENTITY(1,1) NOT NULL,
    [Name] [dbo].[Name] NOT NULL,
    [CatalogDescription] [xml](CONTENT [SalesLT].[ProductDescriptionSchemaCollection]) NULL,
    [rowguid] [uniqueidentifier] ROWGUIDCOL  NOT NULL,
    [ModifiedDate] [datetime] NOT NULL
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
```

Columns

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

5 Columns		
Name	**Data Type**	**Allow Nulls**
CatalogDescription	xml	True
ModifiedDate	datetime	False
Name	userdefineddatatype	False
ProductModelID	int	False
rowguid	uniqueidentifier	False

CatalogDescription

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	True
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	xml
Default Schema	
Default Value Or Binding	
Description	
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

Extended Properties

There are no extended properties defined for this object.

ModifiedDate

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	datetime
Default Schema	
Default Value Or Binding	(getdate())
Description	
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

Extended Properties

There are no extended properties defined for this object.

Contoso Technical Services

Name

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	userdefineddatatype
Default Schema	
Default Value Or Binding	
Description	
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

Extended Properties

There are no extended properties defined for this object.

ProductModelID

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	int
Default Schema	
Default Value Or Binding	
Description	
Primary Key	True
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	True
Identity Increment	1
Identity Seed	1

Extended Properties

There are no extended properties defined for this object.

rowguid

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	uniqueidentifier
Default Schema	
Default Value Or Binding	(newid())
Description	
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

Extended Properties

There are no extended properties defined for this object.

Foreign Keys

A foreign key (FK) is a column or combination of columns that is used to establish and enforce a link between the data in two tables to control the data that can be stored in the foreign key table.

Foreign Keys

There are no foreign keys defined.

Triggers

A trigger is a special type of stored procedure that automatically runs when an event occurs in the database server.

 Triggers

There are no triggers defined.

ProductModelProductDescription

Tables are database objects that contain all the data in a database. In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each row represents a unique record, and each column represents a field in the record.

⊞ General Settings

Schema	SalesLT
Date Created	04/03/2018 17:22:27
Date Last Modified	04/03/2018 17:22:27
Description	Cross-reference table mapping product descriptions and the language the description is written in.
System Object	False
Collation	SQL_Latin1_General_CP1_CI_AS

🔧 Options

Temporal Type	None
Durability	SchemaAndData
Memory Optimized	False
ANSI NULLs	True
Quoted Identifier	True
Replicated	False

📝 Change Tracking

Change Tracking Enabled	False
Track Columns Updated	False

⊞ GraphDB

Is Edge Table	False
Is Node Table	False

🖽 Storage

Filegroup	PRIMARY
Text Filegroup	
Table Partitioned	False
VarDecimal Storage Format Enabled	False
Row Count	762

📝 1 Extended Properties

Name	Type	Value
📝 ms_description	String	Cross-reference table mapping product descriptions and the language the description is written in.

```
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE TABLE [SalesLT].[ProductModelProductDescription](
    [ProductModelID] [int] NOT NULL,
    [ProductDescriptionID] [int] NOT NULL,
    [Culture] [nchar](6) COLLATE SQL_Latin1_General_CP1_CI_AS NOT NULL,
    [rowguid] [uniqueidentifier] ROWGUIDCOL  NOT NULL,
    [ModifiedDate] [datetime] NOT NULL
) ON [PRIMARY]
```

```
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE TABLE [SalesLT].[ProductModelProductDescription](
    [ProductModelID] [int] NOT NULL,
    [ProductDescriptionID] [int] NOT NULL,
```

Columns

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

	5 Columns	
Name	**Data Type**	**Allow Nulls**
Culture	nchar(6)	False
ModifiedDate	datetime	False
ProductDescriptionID	int	False
ProductModelID	int	False
rowguid	uniqueidentifier	False

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Culture

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	nchar(6)
Default Schema	
Default Value Or Binding	
Description	The culture for which the description is written
Primary Key	True
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	The culture for which the description is written

ModifiedDate

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	datetime
Default Schema	
Default Value Or Binding	(getdate())
Description	Date and time the record was last updated.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Date and time the record was last updated.

ProductDescriptionID

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

⚷ General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	int
Default Schema	
Default Value Or Binding	
Description	Primary key. Foreign key to ProductDescription.ProductDescriptionID.
Primary Key	True
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	True
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

◇ Identity

Identity	False

🖵 1 Extended Properties

Name	Type	Value
🖵 ms_description	String	Primary key. Foreign key to ProductDescription.ProductDescriptionID.

ProductModelID

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	int
Default Schema	
Default Value Or Binding	
Description	Primary key. Foreign key to ProductModel.ProductModelID.
Primary Key	True
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	True
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Primary key. Foreign key to ProductModel.ProductModelID.

rowguid

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	uniqueidentifier
Default Schema	
Default Value Or Binding	(newid())
Description	
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

Extended Properties

There are no extended properties defined for this object.

Foreign Keys

A foreign key (FK) is a column or combination of columns that is used to establish and enforce a link between the data in two tables to control the data that can be stored in the foreign key table.

2 Foreign Keys

Name	Enabled	Referenced Table Name
FK_ProductModelProductDescription_ProductDescription_ProductDescriptionID	True	ProductDescription
FK_ProductModelProductDescription_ProductModel_ProductModelID	True	ProductModel

FK_ProductModelProductDescription_ProductDescription_ProductDescriptionID

A foreign key (FK) is a column or combination of columns that is used to establish and enforce a link between the data in two tables to control the data that can be stored in the foreign key table.

General Settings

Is Checked	True
Is Enabled	True
Not For Replication	False

INSERT And UPDATE Specification

Parent Table Name	ProductModelProductDescription
Columns	ProductDescriptionID
Referenced Table Name	ProductDescription
Referenced Columns	ProductDescriptionID

INSERT And UPDATE Specification

Delete Action	No Action
Update Action	No Action

1 Extended Properties

Name	Type	Value
MS_Description	String	Foreign key constraint referencing ProductDescription.ProductDescriptionID.

FK_ProductModelProductDescription_ProductModel_ProductModelID

A foreign key (FK) is a column or combination of columns that is used to establish and enforce a link between the data in two tables to control the data that can be stored in the foreign key table.

🔑 General Settings

Is Checked	True
Is Enabled	True
Not For Replication	False

▦ INSERT And UPDATE Specification

Parent Table Name	ProductModelProductDescription
Columns	ProductModelID
Referenced Table Name	ProductModel
Referenced Columns	ProductModelID

▦ INSERT And UPDATE Specification

Delete Action	No Action
Update Action	No Action

🖃 1 Extended Properties

Name	Type	Value
MS_Description	String	Foreign key constraint referencing ProductModel.ProductModelID.

Triggers

A trigger is a special type of stored procedure that automatically runs when an event occurs in the database server.

⬛ Triggers
___

There are no triggers defined.

SalesOrderDetail

Tables are database objects that contain all the data in a database. In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each row represents a unique record, and each column represents a field in the record.

General Settings

Schema	SalesLT
Date Created	04/03/2018 17:22:27
Date Last Modified	04/03/2018 17:22:27
Description	Individual products associated with a specific sales order. See SalesOrderHeader.
System Object	False
Collation	SQL_Latin1_General_CP1_CI_AS

Options

Temporal Type	None
Durability	SchemaAndData
Memory Optimized	False
ANSI NULLs	True
Quoted Identifier	True
Replicated	False

Change Tracking

Change Tracking Enabled	False
Track Columns Updated	False

GraphDB

Is Edge Table	False
Is Node Table	False

Storage

Filegroup	PRIMARY
Text Filegroup	
Table Partitioned	False
VarDecimal Storage Format Enabled	False
Row Count	542

1 Extended Properties

Name	Type	Value
ms_description	String	Individual products associated with a specific sales order. See SalesOrderHeader.

```sql
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE TABLE [SalesLT].[SalesOrderDetail](
    [SalesOrderID] [int] NOT NULL,
    [SalesOrderDetailID] [int] IDENTITY(1,1) NOT NULL,
    [OrderQty] [smallint] NOT NULL,
    [ProductID] [int] NOT NULL,
    [UnitPrice] [money] NOT NULL,
    [UnitPriceDiscount] [money] NOT NULL,
    [LineTotal]  AS (isnull(([UnitPrice]*((1.0)-[UnitPriceDiscount]))*[OrderQty],(0.0))),
    [rowguid] [uniqueidentifier] ROWGUIDCOL  NOT NULL,
    [ModifiedDate] [datetime] NOT NULL
) ON [PRIMARY]
```

Columns

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

	Name	Data Type	Allow Nulls
	9 Columns		
	LineTotal	numeric(38, 6)	False
	ModifiedDate	datetime	False
	OrderQty	smallint	False
	ProductID	int	False
	rowguid	uniqueidentifier	False
	SalesOrderDetailID	int	False
	SalesOrderID	int	False
	UnitPrice	money	False
	UnitPriceDiscount	money	False

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LineTotal

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	(isnull((([UnitPrice]*((1.0)-[UnitPriceDiscount]))*[OrderQty],(0.0)))
Data Type	numeric(38, 6)
Default Schema	
Default Value Or Binding	
Description	Per product subtotal. Computed as UnitPrice * (1 - UnitPriceDiscount) * OrderQty.
Primary Key	False
Is Columnset	False
Computed	True
Deterministic	True
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Per product subtotal. Computed as UnitPrice * (1 - UnitPriceDiscount) * OrderQty.

ModifiedDate

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	datetime
Default Schema	
Default Value Or Binding	(getdate())
Description	Date and time the record was last updated.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Date and time the record was last updated.

OrderQty

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	smallint
Default Schema	
Default Value Or Binding	
Description	Quantity ordered per product.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Quantity ordered per product.

ProductID

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	int
Default Schema	
Default Value Or Binding	
Description	Product sold to customer. Foreign key to Product.ProductID.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	True
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Product sold to customer. Foreign key to Product.ProductID.

rowguid

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	uniqueidentifier
Default Schema	
Default Value Or Binding	(newid())
Description	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.

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SalesOrderDetailID

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	int
Default Schema	
Default Value Or Binding	
Description	Primary key. One incremental unique number per product sold.
Primary Key	True
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	True
Identity Increment	1
Identity Seed	1

1 Extended Properties

Name	Type	Value
ms_description	String	Primary key. One incremental unique number per product sold.

SalesOrderID

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	int
Default Schema	
Default Value Or Binding	
Description	Primary key. Foreign key to SalesOrderHeader.SalesOrderID.
Primary Key	True
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	True
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Primary key. Foreign key to SalesOrderHeader.SalesOrderID.

UnitPrice

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	money
Default Schema	
Default Value Or Binding	
Description	Selling price of a single product.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Selling price of a single product.

UnitPriceDiscount

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	money
Default Schema	
Default Value Or Binding	((0.0))
Description	Discount amount.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Discount amount.

Foreign Keys

A foreign key (FK) is a column or combination of columns that is used to establish and enforce a link between the data in two tables to control the data that can be stored in the foreign key table.

2 Foreign Keys

Name	Enabled	Referenced Table Name
FK_SalesOrderDetail_Product_ProductID	True	Product
FK_SalesOrderDetail_SalesOrderHeader_SalesOrderID	True	SalesOrderHeader

FK_SalesOrderDetail_Product_ProductID

A foreign key (FK) is a column or combination of columns that is used to establish and enforce a link between the data in two tables to control the data that can be stored in the foreign key table.

General Settings

Is Checked	True
Is Enabled	True
Not For Replication	False

INSERT And UPDATE Specification

Parent Table Name	SalesOrderDetail
Columns	ProductID
Referenced Table Name	Product
Referenced Columns	ProductID

INSERT And UPDATE Specification

Delete Action	No Action
Update Action	No Action

Extended Properties

There are no extended properties defined for this object.

FK_SalesOrderDetail_SalesOrderHeader_SalesOrderID

A foreign key (FK) is a column or combination of columns that is used to establish and enforce a link between the data in two tables to control the data that can be stored in the foreign key table.

⚷ General Settings

Is Checked	True
Is Enabled	True
Not For Replication	False

⊞ INSERT And UPDATE Specification

Parent Table Name	SalesOrderDetail
Columns	SalesOrderID
Referenced Table Name	SalesOrderHeader
Referenced Columns	SalesOrderID

⊞ INSERT And UPDATE Specification

Delete Action	Cascade
Update Action	Cascade

▤ 1 Extended Properties

Name	Type	Value
▤ MS_Description	String	Foreign key constraint referencing SalesOrderHeader.SalesOrderID.

Triggers

A trigger is a special type of stored procedure that automatically runs when an event occurs in the database server.

1 Triggers

Name	Enabled	Execution Context
iduSalesOrderDetail	True	Caller

iduSalesOrderDetail

A trigger is a special type of stored procedure that automatically runs when an event occurs in the database server.

General Settings

Enabled	True
Date Created	04/03/2018 17:22:27
Date Last Modified	04/03/2018 17:22:27
Description	
System Object	False
Execution Context	Caller

Options

ANSI NULLs	True
Encrypted	False
Quoted Identifier	True

Extended Properties

There are no extended properties defined for this object.

```sql
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE TRIGGER [SalesLT].[iduSalesOrderDetail] ON [SalesLT].[SalesOrderDetail]
AFTER INSERT, DELETE, UPDATE AS
BEGIN
    DECLARE @Count int;

    SET @Count = @@ROWCOUNT;
    IF @Count = 0
        RETURN;

    SET NOCOUNT ON;

    BEGIN TRY
        -- If inserting or updating these columns
        IF UPDATE([ProductID]) OR UPDATE([OrderQty]) OR UPDATE([UnitPrice]) OR UPDATE(
[UnitPriceDiscount])

        -- Update SubTotal in SalesOrderHeader record. Note that this causes the
        -- SalesOrderHeader trigger to fire which will update the RevisionNumber.
        UPDATE [SalesLT].[SalesOrderHeader]
        SET [SalesLT].[SalesOrderHeader].[SubTotal] =
            (SELECT SUM([SalesLT].[SalesOrderDetail].[LineTotal])
                FROM [SalesLT].[SalesOrderDetail]
                WHERE [SalesLT].[SalesOrderHeader].[SalesOrderID] = [SalesLT].[SalesOrderDetail].
[SalesOrderID])
        WHERE [SalesLT].[SalesOrderHeader].[SalesOrderID] IN (SELECT inserted.[SalesOrderID] FROM
inserted);

    END TRY
    BEGIN CATCH
        EXECUTE [dbo].[uspPrintError];

        -- Rollback any active or uncommittable transactions before
        -- inserting information in the ErrorLog
        IF @@TRANCOUNT > 0
        BEGIN
            ROLLBACK TRANSACTION;
        END

        EXECUTE [dbo].[uspLogError];
    END CATCH;
END;
ALTER TABLE [SalesLT].[SalesOrderDetail] ENABLE TRIGGER [iduSalesOrderDetail]
```

SalesOrderHeader

Tables are database objects that contain all the data in a database. In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each row represents a unique record, and each column represents a field in the record.

▦ General Settings

Schema	SalesLT
Date Created	04/03/2018 17:22:27
Date Last Modified	04/03/2018 17:22:27
Description	General sales order information.
System Object	False
Collation	SQL_Latin1_General_CP1_CI_AS

🔧 Options

Temporal Type	None
Durability	SchemaAndData
Memory Optimized	False
ANSI NULLs	True
Quoted Identifier	True
Replicated	False

📝 Change Tracking

Change Tracking Enabled	False
Track Columns Updated	False

▦ GraphDB

Is Edge Table	False
Is Node Table	False

▦ Storage

Filegroup	PRIMARY
Text Filegroup	PRIMARY
Table Partitioned	False
VarDecimal Storage Format Enabled	False
Row Count	32

📝 1 Extended Properties

Name	Type	Value
📝 ms_description	String	General sales order information.

```
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE TABLE [SalesLT].[SalesOrderHeader](
    [SalesOrderID] [int] IDENTITY(1,1) NOT FOR REPLICATION NOT NULL,
    [RevisionNumber] [tinyint] NOT NULL,
    [OrderDate] [datetime] NOT NULL,
    [DueDate] [datetime] NOT NULL,
    [ShipDate] [datetime] NULL,
    [Status] [tinyint] NOT NULL,
    [OnlineOrderFlag] [dbo].[Flag] NOT NULL,
    [SalesOrderNumber]  AS (isnull('SO'N+CONVERT([nvarchar](23),[SalesOrderID]),'*** ERROR ***'N)),
    [PurchaseOrderNumber] [dbo].[OrderNumber] NULL,
    [AccountNumber] [dbo].[AccountNumber] NULL,
    [CustomerID] [int] NOT NULL,
    [ShipToAddressID] [int] NULL,
    [BillToAddressID] [int] NULL,
    [ShipMethod] [nvarchar](50) COLLATE SQL_Latin1_General_CP1_CI_AS NOT NULL,
    [CreditCardApprovalCode] [varchar](15) COLLATE SQL_Latin1_General_CP1_CI_AS NULL,
    [SubTotal] [money] NOT NULL,
    [TaxAmt] [money] NOT NULL,
    [Freight] [money] NOT NULL,
    [TotalDue]  AS (isnull(([SubTotal]+[TaxAmt])+[Freight],(0))),
    [Comment] [nvarchar](max) COLLATE SQL_Latin1_General_CP1_CI_AS NULL,
    [rowguid] [uniqueidentifier] ROWGUIDCOL  NOT NULL,
    [ModifiedDate] [datetime] NOT NULL
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
```

Columns

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

22 Columns

Name	Data Type	Allow Nulls
AccountNumber	userdefineddatatype	True
BillToAddressID	int	True
Comment	nvarchar(MAX)	True
CreditCardApprovalCode	varchar(15)	True
CustomerID	int	False
DueDate	datetime	False
Freight	money	False
ModifiedDate	datetime	False
OnlineOrderFlag	userdefineddatatype	False
OrderDate	datetime	False
PurchaseOrderNumber	userdefineddatatype	True
RevisionNumber	tinyint	False
rowguid	uniqueidentifier	False
SalesOrderID	int	False
SalesOrderNumber	nvarchar(25)	False
ShipDate	datetime	True
ShipMethod	nvarchar(50)	False
ShipToAddressID	int	True
Status	tinyint	False
SubTotal	money	False
TaxAmt	money	False
TotalDue	money	False

AccountNumber

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	True
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	userdefineddatatype
Default Schema	
Default Value Or Binding	
Description	Financial accounting number reference.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Financial accounting number reference.

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BillToAddressID

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	True
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	int
Default Schema	
Default Value Or Binding	
Description	The ID of the location to send invoices. Foreign key to the Address table.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	True
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	The ID of the location to send invoices. Foreign key to the Address table.

Comment

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	True
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	nvarchar(MAX)
Default Schema	
Default Value Or Binding	
Description	Sales representative comments.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Sales representative comments.

CreditCardApprovalCode

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	True
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	varchar(15)
Default Schema	
Default Value Or Binding	
Description	Approval code provided by the credit card company.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Approval code provided by the credit card company.

CustomerID

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

⚷ General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	int
Default Schema	
Default Value Or Binding	
Description	Customer identification number. Foreign key to Customer.CustomerID.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	True
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

◇ Identity

Identity	False

▦ 1 Extended Properties

Name	Type	Value
▦ ms_description	String	Customer identification number. Foreign key to Customer.CustomerID.

DueDate

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	datetime
Default Schema	
Default Value Or Binding	
Description	Date the order is due to the customer.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Date the order is due to the customer.

Freight

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	money
Default Schema	
Default Value Or Binding	((0.00))
Description	Shipping cost.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Shipping cost.

ModifiedDate

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	datetime
Default Schema	
Default Value Or Binding	(getdate())
Description	Date and time the record was last updated.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Date and time the record was last updated.

OnlineOrderFlag

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	userdefineddatatype
Default Schema	
Default Value Or Binding	((1))
Description	0 = Order placed by sales person. 1 = Order placed online by customer.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	0 = Order placed by sales person. 1 = Order placed online by customer.

OrderDate

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	datetime
Default Schema	
Default Value Or Binding	(getdate())
Description	Dates the sales order was created.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Dates the sales order was created.

PurchaseOrderNumber

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	True
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	userdefineddatatype
Default Schema	
Default Value Or Binding	
Description	Customer purchase order number reference.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Customer purchase order number reference.

RevisionNumber

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	tinyint
Default Schema	
Default Value Or Binding	((0))
Description	Incremental number to track changes to the sales order over time.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Incremental number to track changes to the sales order over time.

rowguid

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	uniqueidentifier
Default Schema	
Default Value Or Binding	(newid())
Description	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	ROWGUIDCOL number uniquely identifying the record. Used to support a merge replication sample.

SalesOrderID

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	int
Default Schema	
Default Value Or Binding	
Description	Primary key.
Primary Key	True
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	True

Identity

Identity	True
Identity Increment	1
Identity Seed	1

1 Extended Properties

Name	Type	Value
ms_description	String	Primary key.

SalesOrderNumber

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	(isnull(N'SO'+CONVERT([nvarchar](23),[SalesOrderID]),N'*** ERROR ***'))
Data Type	nvarchar(25)
Default Schema	
Default Value Or Binding	
Description	Unique sales order identification number.
Primary Key	False
Is Columnset	False
Computed	True
Deterministic	True
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Unique sales order identification number.

ShipDate

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

▤ General Settings

Allow Nulls	True
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	datetime
Default Schema	
Default Value Or Binding	
Description	Date the order was shipped to the customer.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

◇ Identity

Identity	False

▦ 1 Extended Properties

Name	Type	Value
▦ ms_description	String	Date the order was shipped to the customer.

ShipMethod

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	True
Collation	SQL_Latin1_General_CP1_CI_AS
Computed Text	
Data Type	nvarchar(50)
Default Schema	
Default Value Or Binding	
Description	Shipping method. Foreign key to ShipMethod.ShipMethodID.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Shipping method. Foreign key to ShipMethod.ShipMethodID.

ShipToAddressID

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	True
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	int
Default Schema	
Default Value Or Binding	
Description	The ID of the location to send goods. Foreign key to the Address table.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	True
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	The ID of the location to send goods. Foreign key to the Address table.

Status

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

▤ General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	tinyint
Default Schema	
Default Value Or Binding	((1))
Description	Order current status. 1 = In process; 2 = Approved; 3 = Backordered; 4 = Rejected; 5 = Shipped; 6 = Cancelled
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

◈ Identity

Identity	False

▦ 1 Extended Properties

Name	Type	Value
▦ ms_description	String	Order current status. 1 = In process; 2 = Approved; 3 = Backordered; 4 = Rejected; 5 = Shipped; 6 = Cancelled

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SubTotal

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	money
Default Schema	
Default Value Or Binding	((0.00))
Description	Sales subtotal. Computed as SUM(SalesOrderDetail.LineTotal)for the appropriate SalesOrderID.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Sales subtotal. Computed as SUM(SalesOrderDetail.LineTotal)for the appropriate SalesOrderID.

TaxAmt

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	
Data Type	money
Default Schema	
Default Value Or Binding	((0.00))
Description	Tax amount.
Primary Key	False
Is Columnset	False
Computed	False
Deterministic	False
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Tax amount.

TotalDue

In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each column represents a field in the record. Each column can have a data type and default value assigned.

General Settings

Allow Nulls	False
ANSI Padding Status	False
Collation	
Computed Text	(isnull((([SubTotal]+[TaxAmt])+[Freight],(0)))
Data Type	money
Default Schema	
Default Value Or Binding	
Description	Total due from customer. Computed as Subtotal + TaxAmt + Freight.
Primary Key	False
Is Columnset	False
Computed	True
Deterministic	True
Foreign Key	False
Full-Text Indexed	False
Is Hidden	False
IsSparse	False
Not For Replication	False

Identity

Identity	False

1 Extended Properties

Name	Type	Value
ms_description	String	Total due from customer. Computed as Subtotal + TaxAmt + Freight.

Foreign Keys

A foreign key (FK) is a column or combination of columns that is used to establish and enforce a link between the data in two tables to control the data that can be stored in the foreign key table.

3 Foreign Keys

Name	Enabled	Referenced Table Name
FK_SalesOrderHeader_Address_BillTo_AddressID	True	Address
FK_SalesOrderHeader_Address_ShipTo_AddressID	True	Address
FK_SalesOrderHeader_Customer_CustomerID	True	Customer

FK_SalesOrderHeader_Address_BillTo_AddressID

A foreign key (FK) is a column or combination of columns that is used to establish and enforce a link between the data in two tables to control the data that can be stored in the foreign key table.

General Settings

Is Checked	True
Is Enabled	True
Not For Replication	False

INSERT And UPDATE Specification

Parent Table Name	SalesOrderHeader
Columns	BillToAddressID
Referenced Table Name	Address
Referenced Columns	AddressID

INSERT And UPDATE Specification

Delete Action	No Action
Update Action	No Action

1 Extended Properties

Name	Type	Value
MS_Description	String	Foreign key constraint referencing Address.AddressID for BillTo.

FK_SalesOrderHeader_Address_ShipTo_AddressID

A foreign key (FK) is a column or combination of columns that is used to establish and enforce a link between the data in two tables to control the data that can be stored in the foreign key table.

General Settings

Is Checked	True
Is Enabled	True
Not For Replication	False

INSERT And UPDATE Specification

Parent Table Name	SalesOrderHeader
Columns	ShipToAddressID
Referenced Table Name	Address
Referenced Columns	AddressID

INSERT And UPDATE Specification

Delete Action	No Action
Update Action	No Action

1 Extended Properties

Name	Type	Value
MS_Description	String	Foreign key constraint referencing Address.AddressID for ShipTo.

FK_SalesOrderHeader_Customer_CustomerID

A foreign key (FK) is a column or combination of columns that is used to establish and enforce a link between the data in two tables to control the data that can be stored in the foreign key table.

⚷ General Settings

Is Checked	True
Is Enabled	True
Not For Replication	False

▦ INSERT And UPDATE Specification

Parent Table Name	SalesOrderHeader
Columns	CustomerID
Referenced Table Name	Customer
Referenced Columns	CustomerID

▦ INSERT And UPDATE Specification

Delete Action	No Action
Update Action	No Action

🗩 1 Extended Properties

Name	Type	Value
🗩 MS_Description	String	Foreign key constraint referencing Customer.CustomerID.

Triggers

A trigger is a special type of stored procedure that automatically runs when an event occurs in the database server.

1 Triggers

Name	Enabled	Execution Context
uSalesOrderHeader	True	Caller

uSalesOrderHeader

A trigger is a special type of stored procedure that automatically runs when an event occurs in the database server.

General Settings

Enabled	True
Date Created	04/03/2018 17:22:27
Date Last Modified	04/03/2018 17:22:27
Description	AFTER UPDATE trigger that updates the RevisionNumber and ModifiedDate columns in the SalesOrderHeader table.
System Object	False
Execution Context	Caller

Options

ANSI NULLs	True
Encrypted	False
Quoted Identifier	True

1 Extended Properties

Name	Type	Value
ms_description	String	AFTER UPDATE trigger that updates the RevisionNumber and ModifiedDate columns in the SalesOrderHeader table.

```sql
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE TRIGGER [SalesLT].[uSalesOrderHeader] ON [SalesLT].[SalesOrderHeader]
AFTER UPDATE AS
BEGIN
    DECLARE @Count int;

    SET @Count = @@ROWCOUNT;
    IF @Count = 0
        RETURN;

    SET NOCOUNT ON;

    BEGIN TRY
        -- Update RevisionNumber for modification of any field EXCEPT the Status.
        IF NOT (UPDATE([Status]) OR UPDATE([RevisionNumber]))
        BEGIN
            UPDATE [SalesLT].[SalesOrderHeader]
            SET [SalesLT].[SalesOrderHeader].[RevisionNumber] =
                [SalesLT].[SalesOrderHeader].[RevisionNumber] + 1
            WHERE [SalesLT].[SalesOrderHeader].[SalesOrderID] IN
                (SELECT inserted.[SalesOrderID] FROM inserted);
        END;
    END TRY
    BEGIN CATCH
        EXECUTE [dbo].[uspPrintError];

        -- Rollback any active or uncommittable transactions before
        -- inserting information in the ErrorLog
        IF @@TRANCOUNT > 0
        BEGIN
            ROLLBACK TRANSACTION;
        END

        EXECUTE [dbo].[uspLogError];
    END CATCH;
END;
ALTER TABLE [SalesLT].[SalesOrderHeader] ENABLE TRIGGER [uSalesOrderHeader]
```

User Defined Functions

Like functions in programming languages, SQL Server user-defined functions are routines that accept parameters, perform an action, such as a complex calculation, and return the result of that action as a value. The return value can either be a single scalar value or a result set.

ƒx 3 User Defined Functions

Name	Schema	Owner	Type
ufnGetAllCategories	dbo	dbo	Table-Valued Function
ufnGetCustomerInformation	dbo	dbo	Inline Function
ufnGetSalesOrderStatusText	dbo	dbo	Scalar-Valued Function

ufnGetAllCategories

Like functions in programming languages, SQL Server user-defined functions are routines that accept parameters, perform an action, such as a complex calculation, and return the result of that action as a value. The return value can either be a single scalar value or a result set.

fx General Settings

Function Type	Table-Valued Function
Schema	dbo
Owner	dbo
Date Created	04/03/2018 17:22:27
Date Last Modified	04/03/2018 17:22:27
System Object	False
Description	Table value function returning every product category and its parent, if applicable.
Execution Context	Caller

Options

ANSI NULLs	True
Encrypted	False
Quoted Identifier	True
Natively Compiled	False
Schema Bound	False

[@] Parameters

There are no parameters defined.

1 Extended Properties

Name	Type	Value
ms_description	String	AdventureWorksLT 2012 Sample OLTP Database

```sql
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
-- DROP FUNCTION [dbo].[ufnGetAllCategories]

CREATE FUNCTION [dbo].[ufnGetAllCategories]()
RETURNS @retCategoryInformation TABLE
(
    -- Columns returned by the function
    [ParentProductCategoryName] [nvarchar](50) NULL,
    [ProductCategoryName] [nvarchar](50) NOT NULL,
    [ProductCategoryID] [int] NOT NULL
)
AS
-- Returns the CustomerID, first name, and last name for the specified customer.
BEGIN
    WITH CategoryCTE([ParentProductCategoryID], [ProductCategoryID], [Name]) AS
    (
        SELECT [ParentProductCategoryID], [ProductCategoryID], [Name]
        FROM SalesLT.ProductCategory
        WHERE ParentProductCategoryID IS NULL

        UNION ALL

        SELECT C.[ParentProductCategoryID], C.[ProductCategoryID], C.[Name]
        FROM SalesLT.ProductCategory AS C
        INNER JOIN CategoryCTE AS BC ON BC.ProductCategoryID = C.ParentProductCategoryID
    )

    INSERT INTO @retCategoryInformation
    SELECT PC.[Name] AS [ParentProductCategoryName], CCTE.[Name] as [ProductCategoryName], CCTE.
[ProductCategoryID]
    FROM CategoryCTE AS CCTE
    JOIN SalesLT.ProductCategory AS PC
    ON PC.[ProductCategoryID] = CCTE.[ParentProductCategoryID];
    RETURN;
END;
```

ufnGetCustomerInformation

Like functions in programming languages, SQL Server user-defined functions are routines that accept parameters, perform an action, such as a complex calculation, and return the result of that action as a value. The return value can either be a single scalar value or a result set.

_fx_ General Settings

Function Type	Inline Function
Schema	dbo
Owner	dbo
Date Created	04/03/2018 17:22:27
Date Last Modified	15/06/2020 20:30:02
System Object	False
Description	Table value function returning the customer ID, first name, and last name for a given customer.
Execution Context	Caller

Options

ANSI NULLs	True
Encrypted	False
Quoted Identifier	True
Natively Compiled	False
Schema Bound	False

[@] 1 Parameters

Name	Data Type	Default Value
@CustomerID	int	No Default

1 Extended Properties

Name	Type	Value
ms_description	String	AdventureWorksLT 2012 Sample OLTP Database

```sql
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE FUNCTION [dbo].[ufnGetCustomerInformation](@CustomerID int)
RETURNS TABLE
AS
-- Returns the CustomerID, first name, and last name for the specified customer.
RETURN (
    SELECT
        CustomerID,
        FirstName,
        LastName
    FROM [SalesLT].[Customer]
    WHERE [CustomerID] = @CustomerID
);
```

```sql
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE FUNCTION [dbo].[ufnGetCustomerInformation](@CustomerID int)
```

ufnGetSalesOrderStatusText

Like functions in programming languages, SQL Server user-defined functions are routines that accept parameters, perform an action, such as a complex calculation, and return the result of that action as a value. The return value can either be a single scalar value or a result set.

fx General Settings

Function Type	Scalar-Valued Function
Schema	dbo
Owner	dbo
Date Created	04/03/2018 17:22:27
Date Last Modified	15/06/2020 20:30:02
System Object	False
Description	Scalar function returning the text representation of the Status column in the SalesOrderHeader table.
Execution Context	Caller

🔧 Options

ANSI NULLs	True
Encrypted	False
Quoted Identifier	True
Natively Compiled	False
Schema Bound	False

[@] 1 Parameters

Name	Data Type	Default Value
@Status	tinyint	No Default

🗩 1 Extended Properties

Name	Type	Value
ms_description	String	AdventureWorksLT 2012 Sample OLTP Database

```sql
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE FUNCTION [dbo].[ufnGetSalesOrderStatusText](@Status [tinyint])
RETURNS [nvarchar](15)
AS
-- Returns the sales order status text representation for the status value.
BEGIN
    DECLARE @ret [nvarchar](15);

    SET @ret =
        CASE @Status
            WHEN 1 THEN 'In process'
            WHEN 2 THEN 'Approved'
            WHEN 3 THEN 'Backordered'
            WHEN 4 THEN 'Rejected'
            WHEN 5 THEN 'Shipped'
            WHEN 6 THEN 'Cancelled'
            ELSE '** Invalid **'
        END;

    RETURN @ret
END;
```

Views

A view is a virtual table whose contents are defined by a query. Like a table, a view consists of a set of named columns and rows of data.

Name	Schema	Owner
vGetAllCategories	SalesLT	dbo
vProductAndDescription	SalesLT	dbo
vProductModelCatalogDescription	SalesLT	dbo

3 Views

vGetAllCategories

A view is a virtual table whose contents are defined by a query. Like a table, a view consists of a set of named columns and rows of data.

General Settings

Date Created	04/03/2018 17:22:27
Date Last Modified	04/03/2018 17:22:27
System Object	False
Owner	dbo
Schema	SalesLT

Options

ANSI NULLs	True
Encrypted	False
Quoted Identifier	True
Schema Bound	True

3 Columns

Name	Data Type	Allow Nulls
ParentProductCategoryName	userdefineddatatype	False
ProductCategoryID	int	True
ProductCategoryName	userdefineddatatype	True

Extended Properties

There are no extended properties defined for this object.

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vProductAndDescription

A view is a virtual table whose contents are defined by a query. Like a table, a view consists of a set of named columns and rows of data.

General Settings

Date Created	04/03/2018 17:22:27
Date Last Modified	04/03/2018 17:22:27
System Object	False
Owner	dbo
Schema	SalesLT

Options

ANSI NULLs	True
Encrypted	False
Quoted Identifier	True
Schema Bound	True

5 Columns

Name	Data Type	Allow Nulls
Culture	nchar(6)	False
Description	nvarchar(400)	False
Name	userdefineddatatype	False
ProductID	int	False
ProductModel	userdefineddatatype	False

1 Extended Properties

Name	Type	Value
MS_Description	String	Product names and descriptions. Product descriptions are provided in multiple languages.

vProductModelCatalogDescription

A view is a virtual table whose contents are defined by a query. Like a table, a view consists of a set of named columns and rows of data.

General Settings

Date Created	04/03/2018 17:22:27
Date Last Modified	04/03/2018 17:22:27
System Object	False
Owner	dbo
Schema	SalesLT

Options

ANSI NULLs	True
Encrypted	False
Quoted Identifier	True
Schema Bound	False

25 Columns

Name	Data Type	Allow Nulls
BikeFrame	nvarchar(MAX)	True
Color	nvarchar(256)	True
Copyright	nvarchar(30)	True
Crankset	nvarchar(256)	True
MaintenanceDescription	nvarchar(256)	True
Manufacturer	nvarchar(MAX)	True
Material	nvarchar(256)	True
ModifiedDate	datetime	False
Name	userdefineddatatype	False
NoOfYears	nvarchar(256)	True
Pedal	nvarchar(256)	True
PictureAngle	nvarchar(256)	True
PictureSize	nvarchar(256)	True
ProductLine	nvarchar(256)	True
ProductModelID	int	False
ProductPhotoID	nvarchar(256)	True
ProductURL	nvarchar(256)	True
RiderExperience	nvarchar(1024)	True
rowguid	uniqueidentifier	False
Saddle	nvarchar(256)	True

Style	nvarchar(256)	True
Summary	nvarchar(MAX)	True
WarrantyDescription	nvarchar(256)	True
WarrantyPeriod	nvarchar(256)	True
Wheel	nvarchar(256)	True

1 Extended Properties

Name	Type	Value
MS_Description	String	Displays the content from each element in the xml column CatalogDescription for each product in the Sales.ProductModel table that has catalog data.

Version History

The version history displays the changes that have been made to the documentation of this item over time - either automatically when a change has been detected, or manually by users of the system.

4 versions

Version	Username	Date	Time	Description
1.03	DEMO2012R2\sysadmin	02 November 2020	12:12	Updated by XIA Configuration Client Data
1.02	DEMO2012R2\sysadmin	02 November 2020	11:30	Added Primary Owner.
1.01	DEMO2012R2\sysadmin	02 November 2020	10:42	Updated by XIA Configuration Client Data
1.00	DEMO2012R2\sysadmin	02 November 2020	10:42	Item created.

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