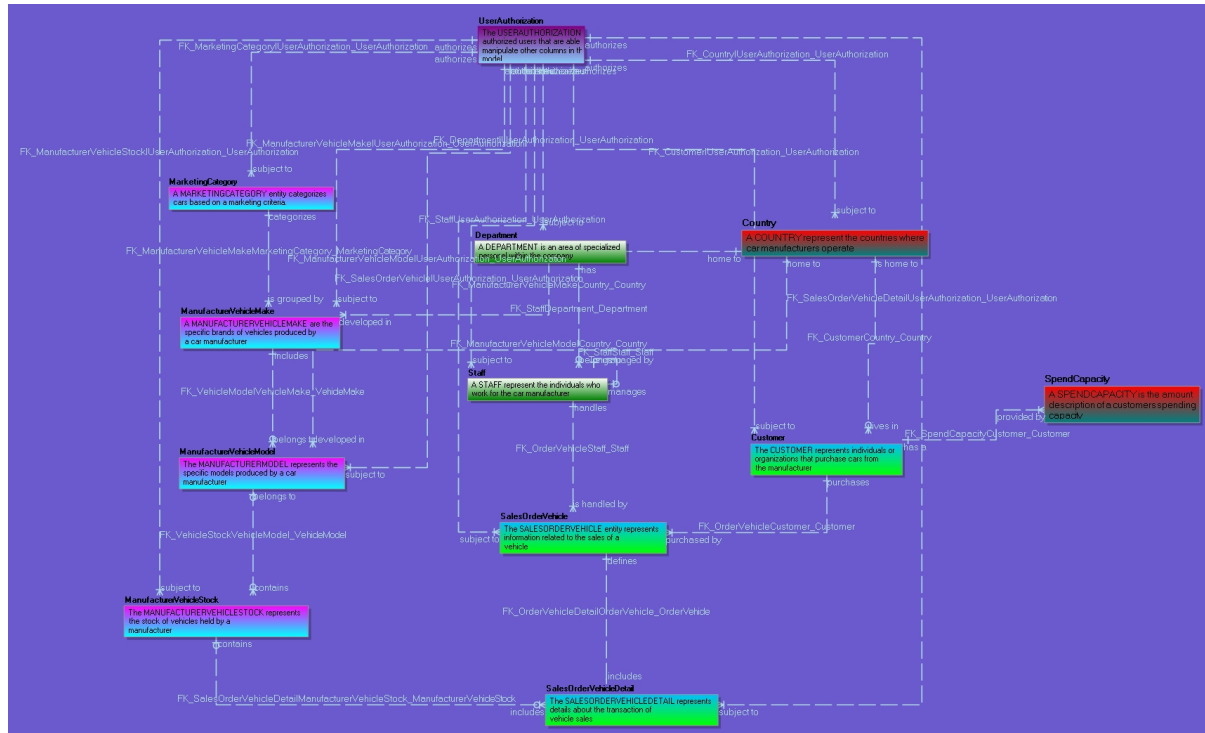


Report 'Standard reports'

Conceptual Data Model



Entity/Table "Country"

Entity/Table Name	Country
Entity/Table Physical_Name	Country
Definition	A COUNTRY represent the countries where car manufacturers operate

Attribute/Column(s) of Entity/Table "Country"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
CountryId	CountryId		Not Null	smallint
CountryISO3	CountryISO3		Not Null	char(3)
CountryName	CountryName		Not Null	nvarchar(20)
CountryISO2	CountryISO2		Not Null	char(2)
SalesRegion	CountrySalesRegion		Null	nvarchar(20)
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	CountrySysStartTime		Null	datetime
SysEndTime	CountrySysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "Customer"

Entity/Table Name	Customer
Entity/Table Physical_Name	Customer
Definition	The CUSTOMER represents individuals or organizations that purchase cars from the manufacturer

Attribute/Column(s) of Entity/Table "Customer"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
CustomerId	CustomerId	Converted nvarchar(5) to int	Not Null	smallint
FirstName	CustomerFirstName		Not Null	nvarchar(25)
LastName	CustomerLastName		Not Null	nvarchar(35)
FullName	CustomerFullName		Not Null	nvarchar(20)
StreetNumber	CustomerStreetNumber		Not Null	int
StreetName	CustomerStreetName		Not Null	nvarchar(20)
Town	CustomerTown		Not Null	nvarchar(20)
PostalCode	CustomerPostalCode		Null	varchar(10)
IsCustomerReseller	CustomerIsCustomerReseller		Not Null	bit
IsCustomerCreditRisk	CustomerIsCustomerCreditRisk		Not Null	bit
CountryId	CountryId		Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint

SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "Department"

Entity/Table Name	Department
Entity/Table Physical_Name	Department
Definition	A DEPARTMENT is an area of specialized personel within the company

Attribute/Column(s) of Entity/Table "Department"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
DepartmentID	DepartmentID		Not Null	smallint
Name	DepartmentName		Not Null	nvarchar(20)
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	DepartmentSysStartTime		Null	datetime
SysEndTime	DepartmentSysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "ManufacturerVehicleMake"

Entity/Table Name	ManufacturerVehicleMake
Entity/Table Physical_Name	ManufacturerVehicleMake
Definition	A MANUFACTURERVEHICLEMAKE are the specific brands of vehicles produced by a car manufacturer

Attribute/Column(s) of Entity/Table "ManufacturerVehicleMake"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
ManufacturerVehicleMakeId	ManufacturerVehicleMakeId		Not Null	smallint
MakeName	ManufacturerVehicleMakeName	Testing	Null	nvarchar(20)
CountryId	CountryId		Not Null	smallint
MarketingTypeId	MarketingTypeId	Create a lookup table with a primary Key MarketingTypeId based upon the [dbo].[MarketingCategory] table. Make sure not to create data anomolies.	Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "ManufacturerVehicleModel"

Entity/Table Name	ManufacturerVehicleModel
Entity/Table Physical_Name	ManufacturerVehicleModel
Definition	The MANUFACTURERMODEL represents the specific models produced by a car manufacturer

Attribute/Column(s) of Entity/Table "ManufacturerVehicleModel"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
ManufacturerModelId	ManufacturerVehicleModelId		Not Null	smallint
ModelName	ManufacturerVehicleModelName		Null	nvarchar(20)
ManufacturerVehicleMakeId	ManufacturerVehicleMakeId		Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
CountryId	ManufacturerVehicleModelVariant-CountryID		Not Null	smallint
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "ManufacturerVehicleStock"

Entity/Table Name	ManufacturerVehicleStock
Entity/Table Physical_Name	ManufacturerVehicleStock
Definition	The MANUFACTURERVEHICLESTOCK represents the stock of vehicles held by a manufacturer

Attribute/Column(s) of Entity/Table "ManufacturerVehicleStock"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
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ManufacturerVehicleStockId	ManufacturerVehicleStockID		Not Null	smallint
StockCode	ManufacturerVehicleStockCode		Not Null	varchar(50)
Cost	ManufacturerVehicleStockCost		Not Null	money
RepairsCharge	RepairsCharge		Not Null	money
PartsCharge	StockPartsCharge		Not Null	money
DeliveryCharge	StockDeliveryCharge		Not Null	money
IsPremiumRoadHandlingPackage	IsPremiumRoadHandlingPackage		Not Null	bit
VehicleColor	VehicleColor		Not Null	nvarchar(20)
CustomerComments	CustomerComments		Null	varchar(20)
PurchaseDate	PurchaseDate		Not Null	date
ManufacturerModelId	ManufacturerVehicleModelId		Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "MarketingCategory"

Entity/Table Name	MarketingCategory
Entity/Table Physical_Name	MarketingCategory
Definition	A MARKETINGCATEGORY entity categorizes cars based on a marketing criteria.

Attribute/Column(s) of Entity/Table "MarketingCategory"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
MarketingTypeId	MarketingTypeId	Create a lookup table with a primary Key MarketingTypeId based upon the [dbo].[MarketingCategory] table. Make sure not to create data anomalies.	Not Null	smallint
Type	MarketingCategoryType		Null	nvarchar(20)
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	MarketingCategorySysStartTime		Null	datetime
SysEndTime	MarketingCategorySysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "SalesOrderVehicle"

Entity/Table Name	SalesOrderVehicle
Entity/Table Physical_Name	SalesOrderVehicle
Definition	The SALESORDERVEHICLE entity represents information related to the sales of a vehicle

Attribute/Column(s) of Entity/Table "SalesOrderVehicle"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
SalesOrderVehicleId	SalesOrderVehicleId		Not Null	smallint
CustomerId	CustomerId	Converted nvarchar(5) to int	Not Null	smallint
StaffId	StaffId		Not Null	smallint
InvoiceNumber	SalesOrderVehicleInvoiceNumber		Not Null	char(8)
SaleDate	SalesOrderVehicleSaleDate		Not Null	date
LowerThreshold	SalesOrderVehicleLowerThreshold		Not Null	int
UpperThreshold	SalesOrderVehicleUpperThreshold		Not Null	int
CategoryDescription	SalesOrderVehicleCategoryDescription		Not Null	varchar(20)
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "SalesOrderVehicleDetail"

Entity/Table Name	SalesOrderVehicleDetail
Entity/Table Physical_Name	SalesOrderVehicleDetail
Definition	The SALESORDERVEHICLEDETAIL represents details about the transaction of vehicle sales

Attribute/Column(s) of Entity/Table "SalesOrderVehicleDetail"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
SalesOrderVehicleDetailId	SalesOrderVehicleDetailId		Not Null	smallint

SalesOrderVehicleId	SalesOrderVehicleId		Not Null	smallint
LineItemNumber	LineItemNumber		Not Null	money
LineItemDiscount	LineItemDiscount		Not Null	money
DerivedDiscountedSalePrice	DerivedDiscountedSalePrice		Not Null	money
ManufacturerVehicleStockId	ManufacturerVehicleStockID		Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
SalesPrice	SalesPrice		Not Null	money
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "SpendCapacity"

Entity/Table Name	SpendCapacity
Entity/Table Physical_Name	SpendCapacity
Definition	A SPENDCAPACITY is the amount description of a customers spending capacity

Attribute/Column(s) of Entity/Table "SpendCapacity"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
SpendCapacityID	SpendCapacityID		Not Null	smallint
SpendCapacity	SpendCapacity		Not Null	nvarchar(20)
CustomerId	CustomerId	Converted nvarchar(5) to int	Not Null	smallint
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "Staff"

Entity/Table Name	Staff
Entity/Table Physical_Name	Staff
Definition	A STAFF represent the individuals who work for the car manufacturer

Attribute/Column(s) of Entity/Table "Staff"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
StaffId	StaffId		Not Null	smallint
StaffName	StaffName		Not Null	nvarchar(20)
ManagerID	ManagerID		Null	smallint
DepartmentID	DepartmentID		Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "UserAuthorization"

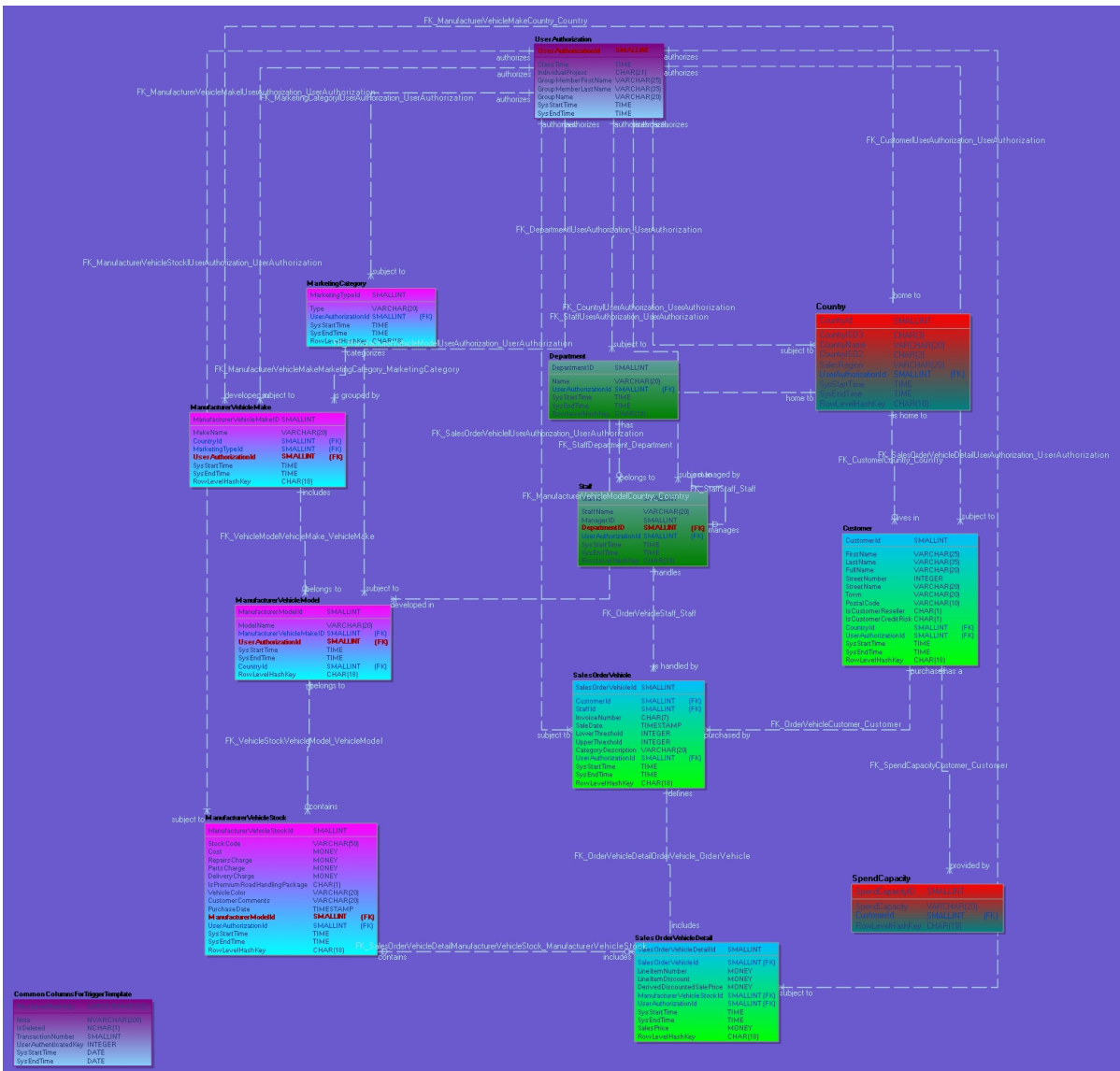
Entity/Table Name	UserAuthorization
Entity/Table Physical_Name	UserAuthorization
Definition	The USERAUTHORIZATION table defines authorized users that are able to manipulate other columns in the data model

Attribute/Column(s) of Entity/Table "UserAuthorization"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
ClassTime	ClassTime	The CLASSTIME defines the ClassTime of the UserAuthorization	Null	Time
IndividualProject	IndividualProject	The INDIVIDUALPROJECT defines the IndividualProject of the UserAuthorization	Null	char(21)
GroupMemberFirstName	GroupMemberFirstName	The GROUPMEMBERFIRSTNAME defines the GroupMemberFirstName of the UserAuthorization	Not Null	nvarchar(25)
GroupMemberLastName	GroupMemberLastName	The GROUPMEMBERLASTNAME defines the GroupMemberLastName of the UserAuthorization	Not Null	nvarchar(35)
GroupName	GroupName	The GROUPNAME defines the GroupName of the UserAuthorization	Not Null	nvarchar(20)
SysStartTime	SysStartTime	The SYSSTARTTIME defines the SysStartTime of the UserAuthorization	Null	datetime

SysEndTime	SysEndTime	The SYSENDTIME defines the SysEndTime of the UserAuthorization	Null	datetime
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Logical Data Model

Entity/Table "CommonColumnsForTriggerTemplate"

Entity/Table Name	CommonColumnsForTriggerTemplate
Entity/Table Physical_Name	CommonColumnsForTriggerTemplate
Definition	

Attribute/Column(s) of Entity/Table "CommonColumnsForTriggerTemplate"

Attribute/Column Name	Attribute/Column Physical Name	Definition	Null Option	Physical Data Type
RowLevelHashKey	RowLevelHashKey		Not Null	varbinary(32)
Note	Note		Not Null	nvarchar(200)
IsDeleted	IsDeleted		Null	nchar(1)
TransactionNumber	TransactionNumber		Null	smallint
UserAuthenticatedKey	UserAuthenticatedKey		Null	int
SysStartTime	SysStartTime		Null	datetime2(7)
SysEndTime	SysEndTime		Null	datetime2(7)

Entity/Table "Country"

Entity/Table Name	Country
Entity/Table Physical_Name	Country
Definition	A COUNTRY represent the countries where car manufacturers operate

Attribute/Column(s) of Entity/Table "Country"
Country Name
Capital City
Area (km²)
Population (millions)
GDP (billions USD)
Currency
Language(s)
Government Type
Major Cities
Time Zone
Internet Domain
Phone Code
ISO Codes

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
CountryId	CountryId		Not Null	smallint

CountryISO3	CountryISO3		Not Null	char(3)
CountryName	CountryName		Not Null	nvarchar(20)
CountryISO2	CountryISO2		Not Null	char(2)
SalesRegion	CountrySalesRegion		Null	nvarchar(20)
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	CountrySysStartTime		Null	datetime
SysEndTime	CountrySysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "Customer"

Entity/Table Name	Customer
Entity/Table Physical_Name	Customer
Definition	The CUSTOMER represents individuals or organizations that purchase cars from the manufacturer

Attribute/Column(s) of Entity/Table "Customer"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
CustomerId	CustomerId	Converted nvarchar(5) to int	Not Null	smallint
FirstName	CustomerFirstName		Not Null	nvarchar(25)
LastName	CustomerLastName		Not Null	nvarchar(35)
FullName	CustomerFullName		Not Null	nvarchar(20)
StreetNumber	CustomerStreetNumber		Not Null	int
StreetName	CustomerStreetName		Not Null	nvarchar(20)
Town	CustomerTown		Not Null	nvarchar(20)
PostalCode	CustomerPostalCode		Null	varchar(10)
IsCustomerReseller	CustomerIsCustomerReseller		Not Null	bit
IsCustomerCreditRisk	CustomerIsCustomerCreditRisk		Not Null	bit
CountryId	CountryId		Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "Department"

Entity/Table Name	Department
Entity/Table Physical_Name	Department
Definition	A DEPARTMENT is an area of specialized personel within the company

Attribute/Column(s) of Entity/Table "Department"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
DepartmentID	DepartmentID		Not Null	smallint
Name	DepartmentName		Not Null	nvarchar(20)
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	DepartmentSysStartTime		Null	datetime
SysEndTime	DepartmentSysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "ManufacturerVehicleMake"

Entity/Table Name	ManufacturerVehicleMake
Entity/Table Physical_Name	ManufacturerVehicleMake
Definition	A MANUFACTURERVEHICLEMAKE are the specific brands of vehicles produced by a car manufacturer

Attribute/Column(s) of Entity/Table "ManufacturerVehicleMake"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
ManufacturerVehicleMakeID	ManufacturerVehicleMakeID		Not Null	smallint
MakeName	ManufacturerVehicleMakeName	Testing	Null	nvarchar(20)
CountryId	CountryId		Not Null	smallint
MarketingTypeld	MarketingTypeld	Create a lookup table with a primary Key MarketingTypeld based upon the [dbo].[MarketingCategory] table. Make sure not to create data anomalies.	Not Null	smallint

UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "ManufacturerVehicleModel"

Entity/Table Name	ManufacturerVehicleModel
Entity/Table Physical_Name	ManufacturerVehicleModel
Definition	The MANUFACTURERMODEL represents the specific models produced by a car manufacturer

Attribute/Column(s) of Entity/Table "ManufacturerVehicleModel"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
ManufacturerModelId	ManufacturerVehicleModelId		Not Null	smallint
ModelName	ManufacturerVehicleModelName		Null	nvarchar(20)
ManufacturerVehicleMakeId	ManufacturerVehicleMakeId		Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
CountryId	ManufacturerVehicleModelVariant-CountryId		Not Null	smallint
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "ManufacturerVehicleStock"

Entity/Table Name	ManufacturerVehicleStock
Entity/Table Physical_Name	ManufacturerVehicleStock
Definition	The MANUFACTURERVEHICLESTOCK represents the stock of vehicles held by a manufacturer

Attribute/Column(s) of Entity/Table "ManufacturerVehicleStock"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
ManufacturerVehicleStockId	ManufacturerVehicleStockId		Not Null	smallint
StockCode	ManufacturerVehicleStockCode		Not Null	varchar(50)
Cost	ManufacturerVehicleStockCost		Not Null	money
RepairsCharge	RepairsCharge		Not Null	money
PartsCharge	StockPartsCharge		Not Null	money
DeliveryCharge	StockDeliveryCharge		Not Null	money
IsPremiumRoadHandlingPackage	IsPremiumRoadHandlingPackage		Not Null	bit
VehicleColor	VehicleColor		Not Null	nvarchar(20)
CustomerComments	CustomerComments		Null	varchar(20)
PurchaseDate	PurchaseDate		Not Null	date
ManufacturerModelId	ManufacturerVehicleModelId		Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "MarketingCategory"

Entity/Table Name	MarketingCategory
Entity/Table Physical_Name	MarketingCategory
Definition	A MARKETINGCATEGORY entity categorizes cars based on a marketing criteria.

Attribute/Column(s) of Entity/Table "MarketingCategory"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
MarketingTypeId	MarketingTypeId	Create a lookup table with a primary Key MarketingTypeId based upon the [dbo].[MarketingCategory] table. Make sure not to create data anomalies.	Not Null	smallint
Type	MarketingCategoryType		Null	nvarchar(20)
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint

SysStartTime	MarketingCategorySysStartTime		Null	datetime
SysEndTime	MarketingCategorySysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "SalesOrderVehicle"

Entity/Table Name	SalesOrderVehicle
Entity/Table Physical_Name	SalesOrderVehicle
Definition	The SALESORDERVEHICLE entity represents information related to the sales of a vehicle

Attribute/Column(s) of Entity/Table "SalesOrderVehicle"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
SalesOrderVehicleId	SalesOrderVehicleId		Not Null	smallint
CustomerId	CustomerId	Converted nvarchar(5) to int	Not Null	smallint
StaffId	StaffId		Not Null	smallint
InvoiceNumber	SalesOrderVehicleInvoiceNumber		Not Null	char(8)
SaleDate	SalesOrderVehicleSaleDate		Not Null	date
LowerThreshold	SalesOrderVehicleLowerThreshold		Not Null	int
UpperThreshold	SalesOrderVehicleUpperThreshold		Not Null	int
CategoryDescription	SalesOrderVehicleCategoryDescription		Not Null	varchar(20)
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "SalesOrderVehicleDetail"

Entity/Table Name	SalesOrderVehicleDetail
Entity/Table Physical_Name	SalesOrderVehicleDetail
Definition	The SALESORDERVEHICLEDETAIL represents details about the transaction of vehicle sales

Attribute/Column(s) of Entity/Table "SalesOrderVehicleDetail"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
SalesOrderVehicleDetailId	SalesOrderVehicleDetailId		Not Null	smallint
SalesOrderVehicleId	SalesOrderVehicleId		Not Null	smallint
LineItemNumber	LineItemNumber		Not Null	money
LineItemDiscount	LineItemDiscount		Not Null	money
DerivedDiscountedSalePrice	DerivedDiscountedSalePrice		Not Null	money
ManufacturerVehicleStockId	ManufacturerVehicleStockId		Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
SalesPrice	SalesPrice		Not Null	money
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "SpendCapacity"

Entity/Table Name	SpendCapacity
Entity/Table Physical_Name	SpendCapacity
Definition	A SPENDCAPACITY is the amount description of a customers spending capacity

Attribute/Column(s) of Entity/Table "SpendCapacity"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
SpendCapacityID	SpendCapacityID		Not Null	smallint
SpendCapacity	SpendCapacity		Not Null	nvarchar(20)
CustomerId	CustomerId	Converted nvarchar(5) to int	Not Null	smallint
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "Staff"

Entity/Table Name	Staff
Entity/Table Physical_Name	Staff
Definition	A STAFF represent the individuals who work for the car manufacturer

Attribute/Column(s) of Entity/Table "Staff"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
StaffId	StaffId		Not Null	smallint

StaffName	StaffName		Not Null	nvarchar(20)
ManagerID	ManagerID		Null	smallint
DepartmentID	DepartmentID		Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

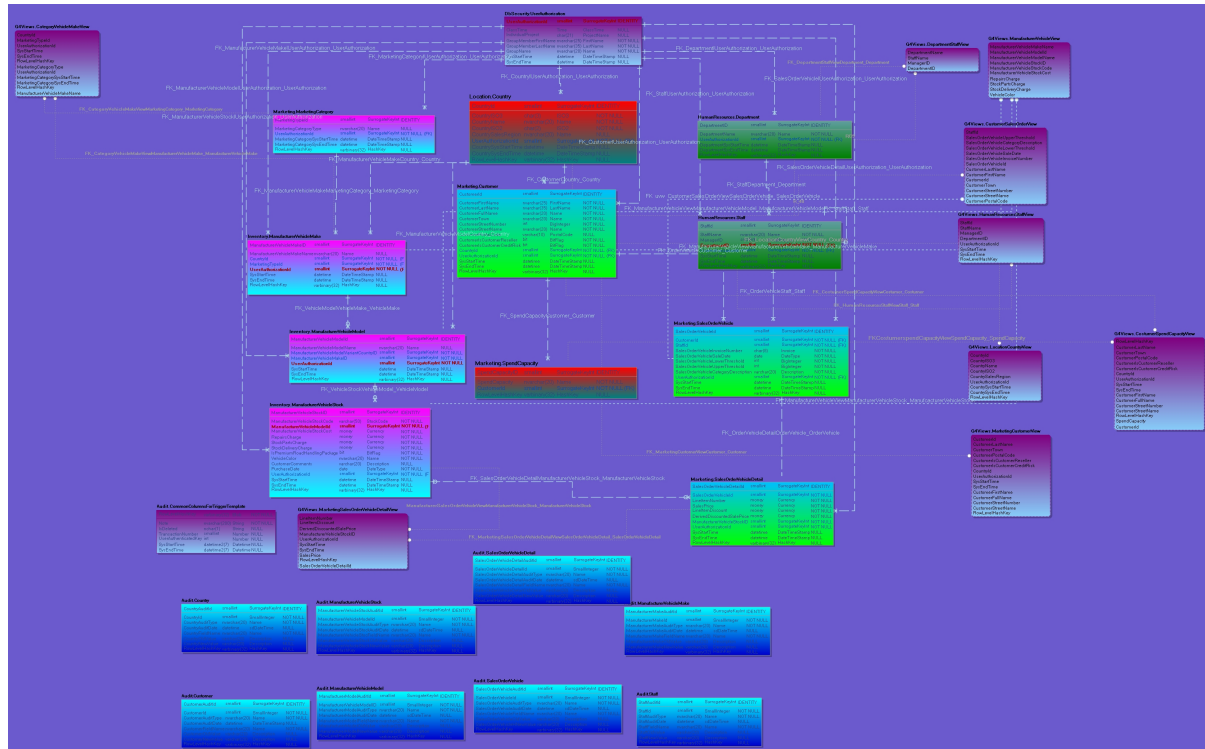
Entity/Table "UserAuthorization"

Entity/Table Name	UserAuthorization
Entity/Table Physical_Name	UserAuthorization
Definition	The USERAUTHORIZATION table defines authorized users that are able to manipulate other columns in the data model

Attribute/Column(s) of Entity/Table "UserAuthorization"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
ClassTime	ClassTime	The CLASSTIME defines the ClassTime of the UserAuthorization	Null	Time
IndividualProject	IndividualProject	The INDIVIDUALPROJECT defines the IndividualProject of the UserAuthorization	Null	char(21)
GroupMemberFirstName	GroupMemberFirstName	The GROUPEMEMBERFIRSTNAME defines the GroupMemberFirstName of the UserAuthorization	Not Null	nvarchar(25)
GroupMemberLastName	GroupMemberLastName	The GROUPEMEMBERLASTNAME defines the GroupMemberLastName of the UserAuthorization	Not Null	nvarchar(35)
GroupName	GroupName	The GROUPENAME defines the GroupName of the UserAuthorization	Not Null	nvarchar(20)
SysStartTime	SysStartTime	The SYSSTARTTIME defines the SysStartTime of the UserAuthorization	Null	datetime
SysEndTime	SysEndTime	The SYSENDTIME defines the SysEndTime of the UserAuthorization	Null	datetime

Physical Data Model



Entity/Table "CommonColumnsForTriggerTemplate"

Entity/Table Name	CommonColumnsForTriggerTemplate
Entity/Table Physical_Name	CommonColumnsForTriggerTemplate
Definition	

Attribute/Column(s) of Entity/Table "CommonColumnsForTriggerTemplate"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
RowLevelHashKey	RowLevelHashKey		Not Null	varbinary(32)
Note	Note		Not Null	nvarchar(200)
IsDeleted	IsDeleted		Null	nchar(1)
TransactionNumber	TransactionNumber		Null	smallint
UserAuthenticatedKey	UserAuthenticatedKey		Null	int
SysStartTime	SysStartTime		Null	datetime2(7)
SysEndTime	SysEndTime		Null	datetime2(7)

Entity/Table "Country"

Entity/Table Name	Country
Entity/Table Physical_Name	Country
Definition	A COUNTRY represent the countries where car manufacturers operate

Attribute/Column(s) of Entity/Table "Country"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
CountryId	CountryId		Not Null	smallint
CountryISO3	CountryISO3		Not Null	char(3)
CountryName	CountryName		Not Null	nvarchar(20)
CountryISO2	CountryISO2		Not Null	char(2)
SalesRegion	CountrySalesRegion		Null	nvarchar(20)
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	CountrySysStartTime		Null	datetime
SysEndTime	CountrySysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "CountryHistory"

Entity/Table Name	CountryHistory
Entity/Table Physical_Name	Country
Definition	

Attribute/Column(s) of Entity/Table "CountryHistory"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
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AuditId	CountryAuditId		Not Null	smallint
CountryId	CountryId		Not Null	smallint
AuditType	CountryAuditType		Not Null	nvarchar(20)
AuditDate	CountryAuditDate		Null	datetime
FieldName	CountryFieldName		Not Null	nvarchar(20)
OldValue	CountryOldValue		Null	varchar(20)
NewValue	CountryNewValue		Null	varchar(20)
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "Customer"

Entity/Table Name	Customer
Entity/Table Physical_Name	Customer
Definition	The CUSTOMER represents individuals or organizations that purchase cars from the manufacturer

Attribute/Column(s) of Entity/Table "Customer"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
CustomerId	CustomerId	Converted nvarchar(5) to int	Not Null	smallint
FirstName	CustomerFirstName		Not Null	nvarchar(25)
LastName	CustomerLastName		Not Null	nvarchar(35)
FullName	CustomerFullName		Not Null	nvarchar(20)
StreetNumber	CustomerStreetNumber		Not Null	int
StreetName	CustomerStreetName		Not Null	nvarchar(20)
Town	CustomerTown		Not Null	nvarchar(20)
PostalCode	CustomerPostalCode		Null	varchar(10)
IsCustomerReseller	CustomerIsCustomerReseller		Not Null	bit
IsCustomerCreditRisk	CustomerIsCustomerCreditRisk		Not Null	bit
CountryId	CountryId		Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "CustomerHistory"

Entity/Table Name	CustomerHistory
Entity/Table Physical_Name	Customer
Definition	

Attribute/Column(s) of Entity/Table "CustomerHistory"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
AuditId	CustomerAuditId		Not Null	smallint
CustomerId	CustomerId		Not Null	smallint
AuditType	CustomerAuditType		Not Null	nvarchar(20)
AuditDate	CustomerAuditDate		Null	datetime
FieldName	CustomerFieldName		Not Null	nvarchar(20)
OldValue	CustomerOldValue		Null	varchar(20)
NewValue	CustomerNewValue		Null	varchar(20)
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "Department"

Entity/Table Name	Department
Entity/Table Physical_Name	Department
Definition	A DEPARTMENT is an area of specialized personel within the company

Attribute/Column(s) of Entity/Table "Department"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
DepartmentID	DepartmentID		Not Null	smallint
Name	DepartmentName		Not Null	nvarchar(20)
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	DepartmentSysStartTime		Null	datetime
SysEndTime	DepartmentSysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "ManufacturerMake"

Entity/Table Name	ManufacturerMake
Entity/Table Physical_Name	ManufacturerVehicleMake
Definition	

Attribute/Column(s) of Entity/Table "ManufacturerMake"				
Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
AuditId	ManufacturerMakeAuditId		Not Null	smallint
Id	ManufacturerMakeId		Not Null	smallint
AuditType	ManufacturerMakeAuditType		Not Null	nvarchar(20)
AuditDate	ManufacturerMakeAuditDate		Null	datetime
FieldName	ManufacturerMakeFieldName		Not Null	nvarchar(20)
OldValue	ManufacturerMakeOldValue		Null	varchar(20)
NewValue	ManufacturerMakeNewValue		Null	varchar(20)
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "ManufacturerModel"	
Entity/Table Name	ManufacturerModel
Entity/Table Physical_Name	ManufacturerVehicleModel
Definition	

Attribute/Column(s) of Entity/Table "ManufacturerModel"				
Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
AuditId	ManufacturerModelAuditId		Not Null	smallint
ManufacturerVehicleModelID	ManufacturerVehicleModelID		Not Null	smallint
AuditType	ManufacturerModelAuditType		Not Null	nvarchar(20)
AuditDate	ManufacturerModelAuditDate		Null	datetime
FieldName	ManufacturerModelFieldName		Not Null	nvarchar(20)
OldValue	ManufacturerModelOldValue		Null	varchar(20)
NewValue	ManufacturerModelNewValue		Null	varchar(20)
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "ManufacturerVehicleMake"	
Entity/Table Name	ManufacturerVehicleMake
Entity/Table Physical_Name	ManufacturerVehicleMake
Definition	A MANUFACTURERVERHICLEMAKE are the specific brands of vehicles produced by a car manufacturer

Attribute/Column(s) of Entity/Table "ManufacturerVehicleMake"				
Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
ManufacturerVehicleMakeID	ManufacturerVehicleMakeID		Not Null	smallint
MakeName	ManufacturerVehicleMakeName	Testing	Null	nvarchar(20)
CountryId	CountryId		Not Null	smallint
MarketingTypeld	MarketingTypeld	Create a lookup table with a primary Key MarketingTypeld based upon the [dbo].[MarketingCategory] table. Make sure not to create data anomalies.	Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "ManufacturerVehicleModel"	
Entity/Table Name	ManufacturerVehicleModel
Entity/Table Physical_Name	ManufacturerVehicleModel
Definition	The MANUFACTURERMODEL represents the specific models produced by a car manufacturer

Attribute/Column(s) of Entity/Table "ManufacturerVehicleModel"				
Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
ManufacturerModelId	ManufacturerVehicleModelId		Not Null	smallint
ModelName	ManufacturerVehicleModelName		Null	nvarchar(20)
ManufacturerVehicleMakeID	ManufacturerVehicleMakeID		Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
CountryId	ManufacturerVehicleModelVariant-CountryID		Not Null	smallint
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "ManufacturerVehicleStock"	
Entity/Table Name	ManufacturerVehicleStock
Entity/Table Physical_Name	ManufacturerVehicleStock
Definition	The MANUFACTURERVERHICLESTOCK represents the stock of vehicles held by a manufacturer

Attribute/Column(s) of Entity/Table "ManufacturerVehicleStock"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
ManufacturerVehicleStockId	ManufacturerVehicleStockID		Not Null	smallint
StockCode	ManufacturerVehicleStockCode		Not Null	varchar(50)
Cost	ManufacturerVehicleStockCost		Not Null	money
RepairsCharge	RepairsCharge		Not Null	money
PartsCharge	StockPartsCharge		Not Null	money
DeliveryCharge	StockDeliveryCharge		Not Null	money
IsPremiumRoadHandlingPackage	IsPremiumRoadHandlingPackage		Not Null	bit
VehicleColor	VehicleColor		Not Null	nvarchar(20)
CustomerComments	CustomerComments		Null	varchar(20)
PurchaseDate	PurchaseDate		Not Null	date
ManufacturerModelId	ManufacturerVehicleModelId		Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "ManufacturerVehicleStockHistory"

Entity/Table Name	ManufacturerVehicleStockHistory
Entity/Table Physical_Name	ManufacturerVehicleStock
Definition	

Attribute/Column(s) of Entity/Table "ManufacturerVehicleStockHistory"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
AuditId	ManufacturerVehicleStockAuditId		Not Null	smallint
ManufacturerVehicleModelId	ManufacturerVehicleModelId		Not Null	smallint
AuditType	ManufacturerVehicleStockAuditType		Not Null	nvarchar(20)
AuditDate	ManufacturerVehicleStockAuditDate		Null	datetime
FieldName	ManufacturerVehicleStockFieldName		Not Null	nvarchar(20)
OldValue	ManufacturerVehicleStockOldValue		Null	varchar(20)
NewValue	ManufacturerVehicleStockNewValue		Null	varchar(20)
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "MarketingCategory"

Entity/Table Name	MarketingCategory
Entity/Table Physical_Name	MarketingCategory
Definition	A MARKETINGCATEGORY entity categorizes cars based on a marketing criteria.

Attribute/Column(s) of Entity/Table "MarketingCategory"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
MarketingTypeId	MarketingTypeId	Create a lookup table with a primary Key MarketingTypeId based upon the [dbo].[MarketingCategory] table. Make sure not to create data anomalies.	Not Null	smallint
Type	MarketingCategoryType		Null	nvarchar(20)
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	MarketingCategorySysStartTime		Null	datetime
SysEndTime	MarketingCategorySysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "SalesOrderVehicle"

Entity/Table Name	SalesOrderVehicle
Entity/Table Physical_Name	SalesOrderVehicle
Definition	The SALESORDERVEHICLE entity represents information related to the sales of a vehicle

Attribute/Column(s) of Entity/Table "SalesOrderVehicle"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
SalesOrderVehicleId	SalesOrderVehicleId		Not Null	smallint
CustomerId	CustomerId	Converted nvarchar(5) to int	Not Null	smallint
StaffId	StaffId		Not Null	smallint
InvoiceNumber	SalesOrderVehicleInvoiceNumber		Not Null	char(8)
SaleDate	SalesOrderVehicleSaleDate		Not Null	date
LowerThreshold	SalesOrderVehicleLowerThreshold		Not Null	int
UpperThreshold	SalesOrderVehicleUpperThreshold		Not Null	int

CategoryDescription	SalesOrderVehicleCategoryDescription		Not Null	varchar(20)
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "SalesOrderVehicleDetail"

Entity/Table Name	SalesOrderVehicleDetail
Entity/Table Physical_Name	SalesOrderVehicleDetail
Definition	The SALESORDERVEHICLEDETAIL represents details about the transaction of vehicle sales

Attribute/Column(s) of Entity/Table "SalesOrderVehicleDetail"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
SalesOrderVehicleDetailId	SalesOrderVehicleDetailId		Not Null	smallint
SalesOrderVehicleId	SalesOrderVehicleId		Not Null	smallint
LineItemNumber	LineItemNumber		Not Null	money
LineItemDiscount	LineItemDiscount		Not Null	money
DerivedDiscountedSalePrice	DerivedDiscountedSalePrice		Not Null	money
ManufacturerVehicleStockId	ManufacturerVehicleStockID		Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
SalesPrice	SalesPrice		Not Null	money
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "SalesOrderVehicleDetailHistory"

Entity/Table Name	SalesOrderVehicleDetailHistory
Entity/Table Physical_Name	SalesOrderVehicleDetail
Definition	

Attribute/Column(s) of Entity/Table "SalesOrderVehicleDetailHistory"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
AuditId	SalesOrderVehicleDetailAuditId		Not Null	smallint
Id	SalesOrderVehicleDetailId		Not Null	smallint
AuditType	SalesOrderVehicleDetailAuditType		Not Null	nvarchar(20)
AuditDate	SalesOrderVehicleDetailAuditDate		Null	datetime
FieldName	SalesOrderVehicleDetailFieldName		Not Null	nvarchar(20)
OldValue	SalesOrderVehicleDetailOldValue		Null	varchar(20)
NewValue	SalesOrderVehicleDetailNewValue		Null	varchar(20)
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "SalesOrderVehicleHistory"

Entity/Table Name	SalesOrderVehicleHistory
Entity/Table Physical_Name	SalesOrderVehicle
Definition	

Attribute/Column(s) of Entity/Table "SalesOrderVehicleHistory"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
AuditId	SalesOrderVehicleAuditId		Not Null	smallint
Id	SalesOrderVehicleId		Not Null	smallint
AuditType	SalesOrderVehicleAuditType		Not Null	nvarchar(20)
AuditDate	SalesOrderVehicleAuditDate		Null	datetime
FieldName	SalesOrderVehicleFieldName		Not Null	nvarchar(20)
OldValue	SalesOrderVehicleOldValue		Null	varchar(20)
NewValue	SalesOrderVehicleHNewValue		Null	varchar(20)
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "SpendCapacity"

Entity/Table Name	SpendCapacity
Entity/Table Physical_Name	SpendCapacity
Definition	A SPENDCAPACITY is the amount description of a customers spending capacity

Attribute/Column(s) of Entity/Table "SpendCapacity"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
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SpendCapacityID	SpendCapacityID		Not Null	smallint
SpendCapacity	SpendCapacity		Not Null	nvarchar(20)
CustomerId	CustomerId	Converted nvarchar(5) to int	Not Null	smallint
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "Staff"

Entity/Table Name	Staff
Entity/Table Physical_Name	Staff
Definition	A STAFF represent the individuals who work for the car manufacturer

Attribute/Column(s) of Entity/Table "Staff"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
StaffId	StaffId		Not Null	smallint
StaffName	StaffName		Not Null	nvarchar(20)
ManagerID	ManagerID		Null	smallint
DepartmentID	DepartmentID		Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "StaffHistory"

Entity/Table Name	StaffHistory
Entity/Table Physical_Name	Staff
Definition	

Attribute/Column(s) of Entity/Table "StaffHistory"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
Audit	StaffAuditId		Not Null	smallint
StaffId	StaffId		Not Null	smallint
AuditType	StaffAuditType		Not Null	nvarchar(20)
AuditDate	StaffAuditDate		Null	datetime
FieldName	StaffFieldName		Not Null	nvarchar(20)
OldValue	StaffOldValue		Null	varchar(20)
NewValue	StaffNewValue		Null	varchar(20)
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Entity/Table "UserAuthorization"

Entity/Table Name	UserAuthorization
Entity/Table Physical_Name	UserAuthorization
Definition	The USERAUTHORIZATION table defines authorized users that are able to manipulate other columns in the data model

Attribute/Column(s) of Entity/Table "UserAuthorization"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
ClassTime	ClassTime	The CLASSTIME defines the ClassTime of the UserAuthorization	Null	Time
IndividualProject	IndividualProject	The INDIVIDUALPROJECT defines the IndividualProject of the UserAuthorization	Null	char(21)
GroupMemberFirstName	GroupMemberFirstName	The GROUPMEMBERFIRSTNAME defines the GroupMemberFirstName of the UserAuthorization	Not Null	nvarchar(25)
GroupMemberLastName	GroupMemberLastName	The GROUPMEMBERLASTNAME defines the GroupMemberLastName of the UserAuthorization	Not Null	nvarchar(35)
GroupName	GroupName	The GROUPNAME defines the GroupName of the UserAuthorization	Not Null	nvarchar(20)
SysStartTime	SysStartTime	The SYSSTARTTIME defines the SysStartTime of the UserAuthorization	Null	datetime
SysEndTime	SysEndTime	The SYSENDTIME defines the SysEndTime of the UserAuthorization	Null	datetime

Subject Area(s) of Model "RawEuropeanCarManufacturer"

ER Diagram(s) of Subject Area "RawEuropeanCarManufacturer"

ER Diagram Name	Definition
Conceptual Data Model	
Logical Data Model	
Physical Data Model	

Entity/Table(s) of ER Diagram "Conceptual Data Model"

Entity/Table Name	Entity/Table Physical_Name	Definition
Country	Country	A COUNTRY represent the countries where car manufacturers operate
Customer	Customer	The CUSTOMER represents individuals or organizations that purchase cars from the manufacturer
Department	Department	A DEPARTMENT is an area of specialized personel within the company
ManufacturerVehicleMake	ManufacturerVehicleMake	A MANUFACTURERVEHICLEMAKE are the specific brands of vehicles produced by a car manufacturer
ManufacturerVehicleModel	ManufacturerVehicleModel	The MANUFACTURERMODEL represents the specific models produced by a car manufacturer
ManufacturerVehicleStock	ManufacturerVehicleStock	The MANUFACTURERVEHICLESTOCK represents the stock of vehicles held by a manufacturer
MarketingCategory	MarketingCategory	A MARKETINGCATEGORY entity categorizes cars based on a marketing criteria.
SalesOrderVehicle	SalesOrderVehicle	The SALESORDERVEHICLE entity represents information related to the sales of a vehicle
SalesOrderVehicleDetail	SalesOrderVehicleDetail	The SALESORDERVEHICLEDETAIL represents details about the transaction of vehicle sales
SpendCapacity	SpendCapacity	A SPENDCAPACITY is the amount description of a customers spending capacity
Staff	Staff	A STAFF represent the individuals who work for the car manufacturer
UserAuthorization	UserAuthorization	The USERAUTHORIZATION table defines authorized users that are able to manipulate other columns in the data model

Attribute/Column(s) of Entity/Table "Country"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
CountryId	CountryId		Not Null	smallint
CountryISO3	CountryISO3		Not Null	char(3)
CountryName	CountryName		Not Null	nvarchar(20)
CountryISO2	CountryISO2		Not Null	char(2)
SalesRegion	CountrySalesRegion		Null	nvarchar(20)
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	CountrySysStartTime		Null	datetime
SysEndTime	CountrySysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "Customer"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
CustomerId	CustomerId	Converted nvarchar(5) to int	Not Null	smallint
FirstName	CustomerFirstName		Not Null	nvarchar(25)
LastName	CustomerLastName		Not Null	nvarchar(35)
FullName	CustomerFullName		Not Null	nvarchar(20)
StreetNumber	CustomerStreetNumber		Not Null	int
StreetName	CustomerStreetName		Not Null	nvarchar(20)
Town	CustomerTown		Not Null	nvarchar(20)
PostalCode	CustomerPostalCode		Null	varchar(10)
IsCustomerReseller	CustomerIsCustomerReseller		Not Null	bit
IsCustomerCreditRisk	CustomerIsCustomerCreditRisk		Not Null	bit
CountryId	CountryId		Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "Department"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
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DepartmentID	DepartmentID		Not Null	smallint
Name	DepartmentName		Not Null	nvarchar(20)
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	DepartmentSysStartTime		Null	datetime
SysEndTime	DepartmentSysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "ManufacturerVehicleMake"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
ManufacturerVehicleMakeID	ManufacturerVehicleMakeID		Not Null	smallint
MakeName	ManufacturerVehicleMakeName	Testing	Null	nvarchar(20)
CountryId	CountryId		Not Null	smallint
MarketingTypeId	MarketingTypeId	Create a lookup table with a primary Key MarketingTypeId based upon the [dbo].[MarketingCategory] table. Make sure not to create data anomalies.	Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "ManufacturerVehicleModel"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
ManufacturerModelId	ManufacturerVehicleModelId		Not Null	smallint
ModelName	ManufacturerVehicleModelName		Null	nvarchar(20)
ManufacturerVehicleMakeID	ManufacturerVehicleMakeID		Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
CountryId	ManufacturerVehicleModelVariant-CountryID		Not Null	smallint
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "ManufacturerVehicleStock"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
ManufacturerVehicleStockId	ManufacturerVehicleStockID		Not Null	smallint
StockCode	ManufacturerVehicleStockCode		Not Null	varchar(50)
Cost	ManufacturerVehicleStockCost		Not Null	money
RepairsCharge	RepairsCharge		Not Null	money
PartsCharge	StockPartsCharge		Not Null	money
DeliveryCharge	StockDeliveryCharge		Not Null	money
IsPremiumRoadHandlingPackage	IsPremiumRoadHandlingPackage		Not Null	bit
VehicleColor	VehicleColor		Not Null	nvarchar(20)
CustomerComments	CustomerComments		Null	varchar(20)
PurchaseDate	PurchaseDate		Not Null	date
ManufacturerModelId	ManufacturerVehicleModelId		Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "MarketingCategory"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
MarketingTypeId	MarketingTypeId	Create a lookup table with a primary Key MarketingTypeId based upon the [dbo].[MarketingCategory] table. Make sure not to create data anomalies.	Not Null	smallint

Type	MarketingCategoryType		Null	nvarchar(20)
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	MarketingCategorySysStartTime		Null	datetime
SysEndTime	MarketingCategorySysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "SalesOrderVehicle"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
SalesOrderVehicleId	SalesOrderVehicleId		Not Null	smallint
CustomerId	CustomerId	Converted nvarchar(5) to int	Not Null	smallint
StaffId	StaffId		Not Null	smallint
InvoiceNumber	SalesOrderVehicleInvoiceNumber		Not Null	char(8)
SaleDate	SalesOrderVehicleSaleDate		Not Null	date
LowerThreshold	SalesOrderVehicleLowerThreshold		Not Null	int
UpperThreshold	SalesOrderVehicleUpperThreshold		Not Null	int
CategoryDescription	SalesOrderVehicleCategoryDescription		Not Null	varchar(20)
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "SalesOrderVehicleDetail"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
SalesOrderVehicleDetailId	SalesOrderVehicleDetailId		Not Null	smallint
SalesOrderVehicleId	SalesOrderVehicleId		Not Null	smallint
LineItemNumber	LineItemNumber		Not Null	money
LineItemDiscount	LineItemDiscount		Not Null	money
DerivedDiscountedSalePrice	DerivedDiscountedSalePrice		Not Null	money
ManufacturerVehicleStockId	ManufacturerVehicleStockId		Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
SalesPrice	SalesPrice		Not Null	money
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "SpendCapacity"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
SpendCapacityID	SpendCapacityID		Not Null	smallint
SpendCapacity	SpendCapacity		Not Null	nvarchar(20)
CustomerId	CustomerId	Converted nvarchar(5) to int	Not Null	smallint
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "Staff"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
StaffId	StaffId		Not Null	smallint
StaffName	StaffName		Not Null	nvarchar(20)
ManagerID	ManagerID		Null	smallint
DepartmentID	DepartmentID		Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "UserAuthorization"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint

ClassTime	ClassTime	The CLASSTIME defines the ClassTime of the UserAuthorization	Null	Time
IndividualProject	IndividualProject	The INDIVIDUALPROJECT defines the IndividualProject of the UserAuthorization	Null	char(21)
GroupMemberFirstName	GroupMemberFirstName	The GROUPMEMBERFIRSTNAME defines the GroupMemberFirstName of the UserAuthorization	Not Null	nvarchar(25)
GroupMemberLastName	GroupMemberLastName	The GROUPMEMBERLASTNAME defines the GroupMemberLastName of the UserAuthorization	Not Null	nvarchar(35)
GroupName	GroupName	The GROUPNAME defines the GroupName of the UserAuthorization	Not Null	nvarchar(20)
SysStartTime	SysStartTime	The SYSSTARTTIME defines the SysStartTime of the UserAuthorization	Null	datetime
SysEndTime	SysEndTime	The SYSENDTIME defines the SysEndTime of the UserAuthorization	Null	datetime

Entity/Table(s) of ER Diagram "Logical Data Model"

Entity/Table Name	Entity/Table Physical_Name	Definition
CommonColumnsForTriggerTemplate	CommonColumnsForTriggerTemplate	
Country	Country	A COUNTRY represent the countries where car manufacturers operate
Customer	Customer	The CUSTOMER represents individuals or organizations that purchase cars from the manufacturer
Department	Department	A DEPARTMENT is an area of specialized personel within the company
ManufacturerVehicleMake	ManufacturerVehicleMake	A MANUFACTURERVERHICLEMAKE are the specific brands of vehicles produced by a car manufacturer
ManufacturerVehicleModel	ManufacturerVehicleModel	The MANUFACTURERMODEL represents the specific models produced by a car manufacturer
ManufacturerVehicleStock	ManufacturerVehicleStock	The MANUFACTURERVERHICLESTOCK represents the stock of vehicles held by a manufacturer
MarketingCategory	MarketingCategory	A MARKETINGCATEGORY entity categorizes cars based on a marketing criteria.
SalesOrderVehicle	SalesOrderVehicle	The SALESORDERVEHICLE entity represents information related to the sales of a vehicle
SalesOrderVehicleDetail	SalesOrderVehicleDetail	The SALESORDERVEHICLEDETAIL represents details about the transaction of vehicle sales
SpendCapacity	SpendCapacity	A SPENDCAPACITY is the amount description of a customers spending capacity
Staff	Staff	A STAFF represent the individuals who work for the car manufacturer
UserAuthorization	UserAuthorization	The USERAUTHORIZATION table defines authorized users that are able to manipulate other columns in the data model

Attribute/Column(s) of Entity/Table "CommonColumnsForTriggerTemplate"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
RowLevelHashKey	RowLevelHashKey		Not Null	varbinary(32)
Note	Note		Not Null	nvarchar(200)
IsDeleted	IsDeleted		Null	nchar(1)
TransactionNumber	TransactionNumber		Null	smallint
UserAuthenticatedKey	UserAuthenticatedKey		Null	int
SysStartTime	SysStartTime		Null	datetime2(7)
SysEndTime	SysEndTime		Null	datetime2(7)

Attribute/Column(s) of Entity/Table "Country"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
CountryId	CountryId		Not Null	smallint
CountryISO3	CountryISO3		Not Null	char(3)
CountryName	CountryName		Not Null	nvarchar(20)
CountryISO2	CountryISO2		Not Null	char(2)
SalesRegion	CountrySalesRegion		Null	nvarchar(20)
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	CountrySysStartTime		Null	datetime
SysEndTime	CountrySysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "Customer"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
CustomerId	CustomerId	Converted nvarchar(5) to int	Not Null	smallint
FirstName	CustomerFirstName		Not Null	nvarchar(25)

LastName	CustomerLastName		Not Null	nvarchar(35)
FullName	CustomerFullName		Not Null	nvarchar(20)
StreetNumber	CustomerStreetNumber		Not Null	int
StreetName	CustomerStreetName		Not Null	nvarchar(20)
Town	CustomerTown		Not Null	nvarchar(20)
PostalCode	CustomerPostalCode		Null	varchar(10)
IsCustomerReseller	CustomerIsCustomerReseller		Not Null	bit
IsCustomerCreditRisk	CustomerIsCustomerCreditRisk		Not Null	bit
CountryId	CountryId		Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "Department"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
DepartmentID	DepartmentID		Not Null	smallint
Name	DepartmentName		Not Null	nvarchar(20)
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	DepartmentSysStartTime		Null	datetime
SysEndTime	DepartmentSysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "ManufacturerVehicleMake"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
ManufacturerVehicleMakeId	ManufacturerVehicleMakeId		Not Null	smallint
MakeName	ManufacturerVehicleMakeName	Testing	Null	nvarchar(20)
CountryId	CountryId		Not Null	smallint
MarketingTypeId	MarketingTypeId	Create a lookup table with a primary Key MarketingTypeId based upon the [dbo].[MarketingCategory] table. Make sure not to create data anomalies.	Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "ManufacturerVehicleModel"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
ManufacturerModelId	ManufacturerVehicleModelId		Not Null	smallint
ModelName	ManufacturerVehicleModelName		Null	nvarchar(20)
ManufacturerVehicleMakeId	ManufacturerVehicleMakeId		Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
CountryId	ManufacturerVehicleModelVariant-CountryID		Not Null	smallint
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "ManufacturerVehicleStock"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
ManufacturerVehicleStockId	ManufacturerVehicleStockID		Not Null	smallint
StockCode	ManufacturerVehicleStockCode		Not Null	varchar(50)
Cost	ManufacturerVehicleStockCost		Not Null	money
RepairsCharge	RepairsCharge		Not Null	money
PartsCharge	StockPartsCharge		Not Null	money
DeliveryCharge	StockDeliveryCharge		Not Null	money
IsPremiumRoadHandlingPackage	IsPremiumRoadHandlingPackage		Not Null	bit
VehicleColor	VehicleColor		Not Null	nvarchar(20)
CustomerComments	CustomerComments		Null	varchar(20)

PurchaseDate	PurchaseDate		Not Null	date
ManufacturerModelId	ManufacturerVehicleModelId		Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "MarketingCategory"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
MarketingTypeId	MarketingTypeId	Create a lookup table with a primary Key MarketingTypeId based upon the [dbo].[MarketingCategory] table. Make sure not to create data anomalies.	Not Null	smallint
Type	MarketingCategoryType		Null	nvarchar(20)
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	MarketingCategorySysStartTime		Null	datetime
SysEndTime	MarketingCategorySysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "SalesOrderVehicle"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
SalesOrderVehicleId	SalesOrderVehicleId		Not Null	smallint
CustomerId	CustomerId	Converted nvarchar(5) to int	Not Null	smallint
StaffId	StaffId		Not Null	smallint
InvoiceNumber	SalesOrderVehicleInvoiceNumber		Not Null	char(8)
SaleDate	SalesOrderVehicleSaleDate		Not Null	date
LowerThreshold	SalesOrderVehicleLowerThreshold		Not Null	int
UpperThreshold	SalesOrderVehicleUpperThreshold		Not Null	int
CategoryDescription	SalesOrderVehicleCategoryDescription		Not Null	varchar(20)
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "SalesOrderVehicleDetail"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
SalesOrderVehicleDetailId	SalesOrderVehicleDetailId		Not Null	smallint
SalesOrderVehicleId	SalesOrderVehicleId		Not Null	smallint
LineItemNumber	LineItemNumber		Not Null	money
LineItemDiscount	LineItemDiscount		Not Null	money
DerivedDiscountedSalePrice	DerivedDiscountedSalePrice		Not Null	money
ManufacturerVehicleStockId	ManufacturerVehicleStockID		Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
SalesPrice	SalesPrice		Not Null	money
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "SpendCapacity"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
SpendCapacityID	SpendCapacityID		Not Null	smallint
SpendCapacity	SpendCapacity		Not Null	nvarchar(20)
CustomerId	CustomerId	Converted nvarchar(5) to int	Not Null	smallint
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "Staff"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
StaffId	StaffId		Not Null	smallint
StaffName	StaffName		Not Null	nvarchar(20)
ManagerID	ManagerID		Null	smallint

DepartmentID	DepartmentID		Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "UserAuthorization"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
ClassTime	ClassTime	The CLASSTIME defines the ClassTime of the UserAuthorization	Null	Time
IndividualProject	IndividualProject	The INDIVIDUALPROJECT defines the IndividualProject of the UserAuthorization	Null	char(21)
GroupMemberFirstName	GroupMemberFirstName	The GROUPMEMBERFIRSTNAME defines the GroupMemberFirstName of the UserAuthorization	Not Null	nvarchar(25)
GroupMemberLastName	GroupMemberLastName	The GROUPMEMBERLASTNAME defines the GroupMemberLastName of the UserAuthorization	Not Null	nvarchar(35)
GroupName	GroupName	The GROUPNAME defines the GroupName of the UserAuthorization	Not Null	nvarchar(20)
SysStartTime	SysStartTime	The SYSSTARTTIME defines the SysStartTime of the UserAuthorization	Null	datetime
SysEndTime	SysEndTime	The SYSENDTIME defines the SysEndTime of the UserAuthorization	Null	datetime

Entity/Table(s) of ER Diagram "Physical Data Model"

Entity/Table Name	Entity/Table Physical_Name	Definition
CommonColumnsForTriggerTemplate	CommonColumnsForTriggerTemplate	
Country	Country	A COUNTRY represent the countries where car manufacturers operate
CountryHistory	Country	
Customer	Customer	The CUSTOMER represents individuals or organizations that purchase cars from the manufacturer
CustomerHistory	Customer	
Department	Department	A DEPARTMENT is an area of specialized personel within the company
ManufacturerMake	ManufacturerVehicleMake	
ManufacturerModel	ManufacturerVehicleModel	
ManufacturerVehicleMake	ManufacturerVehicleMake	A MANUFACTURERVERVEICLEMAKE are the specific brands of vehicles produced by a car manufacturer
ManufacturerVehicleModel	ManufacturerVehicleModel	The MANUFACTURERMODEL represents the specific models produced by a car manufacturer
ManufacturerVehicleStock	ManufacturerVehicleStock	The MANUFACTURERVERVEICLESTOCK represents the stock of vehicles held by a manufacturer
ManufacturerVehicleStockHistory	ManufacturerVehicleStock	
MarketingCategory	MarketingCategory	A MARKETINGCATEGORY entity categorizes cars based on a marketing criteria.
SalesOrderVehicle	SalesOrderVehicle	The SALESORDERVEHICLE entity represents information related to the sales of a vehicle
SalesOrderVehicleDetail	SalesOrderVehicleDetail	The SALESORDERVEHICLEDETAIL represents details about the transaction of vehicle sales
SalesOrderVehicleDetailHistory	SalesOrderVehicleDetail	
SalesOrderVehicleHistory	SalesOrderVehicle	
SpendCapacity	SpendCapacity	A SPENDCAPACITY is the amount description of a customers spending capacity
Staff	Staff	A STAFF represent the individuals who work for the car manufacturer
StaffHistory	Staff	
UserAuthorization	UserAuthorization	The USERAUTHORIZATION table defines authorized users that are able to manipulate other columns in the data model

Attribute/Column(s) of Entity/Table "CommonColumnsForTriggerTemplate"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
RowLevelHashKey	RowLevelHashKey		Not Null	varbinary(32)
Note	Note		Not Null	nvarchar(200)
IsDeleted	IsDeleted		Null	nchar(1)
TransactionNumber	TransactionNumber		Null	smallint
UserAuthenticatedKey	UserAuthenticatedKey		Null	int
SysStartTime	SysStartTime		Null	datetime2(7)

SysEndTime	SysEndTime		Null	datetime2(7)
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Attribute/Column(s) of Entity/Table "Country"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
CountryId	CountryId		Not Null	smallint
CountryISO3	CountryISO3		Not Null	char(3)
CountryName	CountryName		Not Null	nvarchar(20)
CountryISO2	CountryISO2		Not Null	char(2)
SalesRegion	CountrySalesRegion		Null	nvarchar(20)
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	CountrySysStartTime		Null	datetime
SysEndTime	CountrySysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "CountryHistory"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
AuditId	CountryAuditId		Not Null	smallint
CountryId	CountryId		Not Null	smallint
AuditType	CountryAuditType		Not Null	nvarchar(20)
AuditDate	CountryAuditDate		Null	datetime
FieldName	CountryFieldName		Not Null	nvarchar(20)
OldValue	CountryOldValue		Null	varchar(20)
NewValue	CountryNewValue		Null	varchar(20)
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "Customer"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
CustomerId	CustomerId	Converted nvarchar(5) to int	Not Null	smallint
FirstName	CustomerFirstName		Not Null	nvarchar(25)
LastName	CustomerLastName		Not Null	nvarchar(35)
FullName	CustomerFullName		Not Null	nvarchar(20)
StreetNumber	CustomerStreetNumber		Not Null	int
StreetName	CustomerStreetName		Not Null	nvarchar(20)
Town	CustomerTown		Not Null	nvarchar(20)
PostalCode	CustomerPostalCode		Null	varchar(10)
IsCustomerReseller	CustomerIsCustomerReseller		Not Null	bit
IsCustomerCreditRisk	CustomerIsCustomerCreditRisk		Not Null	bit
CountryId	CountryId		Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "CustomerHistory"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
AuditId	CustomerAuditId		Not Null	smallint
CustomerId	CustomerId		Not Null	smallint
AuditType	CustomerAuditType		Not Null	nvarchar(20)
AuditDate	CustomerAuditDate		Null	datetime
FieldName	CustomerFieldName		Not Null	nvarchar(20)
OldValue	CustomerOldValue		Null	varchar(20)
NewValue	CustomerNewValue		Null	varchar(20)
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "Department"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
DepartmentID	DepartmentID		Not Null	smallint
Name	DepartmentName		Not Null	nvarchar(20)
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	DepartmentSysStartTime		Null	datetime
SysEndTime	DepartmentSysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "ManufacturerMake"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
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AuditId	ManufacturerMakeAuditId		Not Null	smallint
Id	ManufacturerMakeId		Not Null	smallint
AuditType	ManufacturerMakeAuditType		Not Null	nvarchar(20)
AuditDate	ManufacturerMakeAuditDate		Null	datetime
FieldName	ManufacturerMakeFieldName		Not Null	nvarchar(20)
OldValue	ManufacturerMakeOldValue		Null	varchar(20)
NewValue	ManufacturerMakeNewValue		Null	varchar(20)
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "ManufacturerModel"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
AuditId	ManufacturerModelAuditId		Not Null	smallint
ManufacturerVehicleModelId	ManufacturerVehicleModelId		Not Null	smallint
AuditType	ManufacturerModelAuditType		Not Null	nvarchar(20)
AuditDate	ManufacturerModelAuditDate		Null	datetime
FieldName	ManufacturerModelFieldName		Not Null	nvarchar(20)
OldValue	ManufacturerModelOldValue		Null	varchar(20)
NewValue	ManufacturerModelNewValue		Null	varchar(20)
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "ManufacturerVehicleMake"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
ManufacturerVehicleMakeId	ManufacturerVehicleMakeId		Not Null	smallint
MakeName	ManufacturerVehicleMakeName	Testing	Null	nvarchar(20)
CountryId	CountryId		Not Null	smallint
MarketingTypeId	MarketingTypeId	Create a lookup table with a primary Key MarketingTypeId based upon the [dbo].[MarketingCategory] table. Make sure not to create data anomalies.	Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "ManufacturerVehicleModel"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
ManufacturerModelId	ManufacturerVehicleModelId		Not Null	smallint
ModelName	ManufacturerVehicleModelName		Null	nvarchar(20)
ManufacturerVehicleMakeId	ManufacturerVehicleMakeId		Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
CountryId	ManufacturerVehicleModelVariant-CountryID		Not Null	smallint
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "ManufacturerVehicleStock"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
ManufacturerVehicleStockId	ManufacturerVehicleStockID		Not Null	smallint
StockCode	ManufacturerVehicleStockCode		Not Null	varchar(50)
Cost	ManufacturerVehicleStockCost		Not Null	money
RepairsCharge	RepairsCharge		Not Null	money
PartsCharge	StockPartsCharge		Not Null	money
DeliveryCharge	StockDeliveryCharge		Not Null	money
IsPremiumRoadHandlingPackage	IsPremiumRoadHandlingPackage		Not Null	bit
VehicleColor	VehicleColor		Not Null	nvarchar(20)
CustomerComments	CustomerComments		Null	varchar(20)
PurchaseDate	PurchaseDate		Not Null	date
ManufacturerModelId	ManufacturerVehicleModelId		Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint

SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "ManufacturerVehicleStockHistory"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
AuditId	ManufacturerVehicleStockAuditId		Not Null	smallint
ManufacturerVehicleModelId	ManufacturerVehicleModelId		Not Null	smallint
AuditType	ManufacturerVehicleStockAuditType		Not Null	nvarchar(20)
AuditDate	ManufacturerVehicleStockAuditDate		Null	datetime
FieldName	ManufacturerVehicleStockFieldName		Not Null	nvarchar(20)
OldValue	ManufacturerVehicleStockOldValue		Null	varchar(20)
NewValue	ManufacturerVehicleStockNewValue		Null	varchar(20)
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "MarketingCategory"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
MarketingTypeId	MarketingTypeId	Create a lookup table with a primary Key MarketingTypeId based upon the [dbo].[MarketingCategory] table. Make sure not to create data anomalies.	Not Null	smallint
Type	MarketingCategoryType		Null	nvarchar(20)
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	MarketingCategorySysStartTime		Null	datetime
SysEndTime	MarketingCategorySysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "SalesOrderVehicle"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
SalesOrderVehicleId	SalesOrderVehicleId		Not Null	smallint
CustomerId	CustomerId	Converted nvarchar(5) to int	Not Null	smallint
StaffId	StaffId		Not Null	smallint
InvoiceNumber	SalesOrderVehicleInvoiceNumber		Not Null	char(8)
SaleDate	SalesOrderVehicleSaleDate		Not Null	date
LowerThreshold	SalesOrderVehicleLowerThreshold		Not Null	int
UpperThreshold	SalesOrderVehicleUpperThreshold		Not Null	int
CategoryDescription	SalesOrderVehicleCategoryDescription		Not Null	varchar(20)
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "SalesOrderVehicleDetail"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
SalesOrderVehicleDetailId	SalesOrderVehicleDetailId		Not Null	smallint
SalesOrderVehicleId	SalesOrderVehicleId		Not Null	smallint
LineItemNumber	LineItemNumber		Not Null	money
LineItemDiscount	LineItemDiscount		Not Null	money
DerivedDiscountedSalePrice	DerivedDiscountedSalePrice		Not Null	money
ManufacturerVehicleStockId	ManufacturerVehicleStockId		Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
SalesPrice	SalesPrice		Not Null	money
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "SalesOrderVehicleDetailHistory"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
AuditId	SalesOrderVehicleDetailAuditId		Not Null	smallint
Id	SalesOrderVehicleDetailId		Not Null	smallint
AuditType	SalesOrderVehicleDetailAuditType		Not Null	nvarchar(20)
AuditDate	SalesOrderVehicleDetailAuditDate		Null	datetime

FieldName	SalesOrderVehicleDetailFieldName		Not Null	nvarchar(20)
OldValue	SalesOrderVehicleDetailOldValue		Null	varchar(20)
NewValue	SalesOrderVehicleDetailNewValue		Null	varchar(20)
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "SalesOrderVehicleHistory"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
AuditId	SalesOrderVehicleAuditId		Not Null	smallint
Id	SalesOrderVehicleId		Not Null	smallint
AuditType	SalesOrderVehicleAuditType		Not Null	nvarchar(20)
AuditDate	SalesOrderVehicleAuditDate		Null	datetime
FieldName	SalesOrderVehicleFieldName		Not Null	nvarchar(20)
OldValue	SalesOrderVehicleOldValue		Null	varchar(20)
NewValue	SalesOrderVehicleHNewValue		Null	varchar(20)
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "SpendCapacity"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
SpendCapacityID	SpendCapacityID		Not Null	smallint
SpendCapacity	SpendCapacity		Not Null	nvarchar(20)
CustomerId	CustomerId	Converted nvarchar(5) to int	Not Null	smallint
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "Staff"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
StaffId	StaffId		Not Null	smallint
StaffName	StaffName		Not Null	nvarchar(20)
ManagerID	ManagerID		Null	smallint
DepartmentID	DepartmentID		Not Null	smallint
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
SysStartTime	SysStartTime		Null	datetime
SysEndTime	SysEndTime		Null	datetime
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "StaffHistory"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
Audit	StaffAuditId		Not Null	smallint
StaffId	StaffId		Not Null	smallint
AuditType	StaffAuditType		Not Null	nvarchar(20)
AuditDate	StaffAuditDate		Null	datetime
FieldName	StaffFieldName		Not Null	nvarchar(20)
OldValue	StaffOldValue		Null	varchar(20)
NewValue	StaffNewValue		Null	varchar(20)
RowLevelHashKey	RowLevelHashKey		Null	varbinary(32)

Attribute/Column(s) of Entity/Table "UserAuthorization"

Attribute/Column Name	Attribute/Column Physical_Name	Definition	Null Option	Physical Data Type
UserAuthorizationId	UserAuthorizationId	The USERAUTHORIZATIONID defines the UserAuthorizationId of the UserAuthorization	Not Null	smallint
ClassTime	ClassTime	The CLASSTIME defines the ClassTime of the UserAuthorization	Null	Time
IndividualProject	IndividualProject	The INDIVIDUALPROJECT defines the IndividualProject of the UserAuthorization	Null	char(21)
GroupMemberFirstName	GroupMemberFirstName	The GROUPMEMBERFIRSTNAME defines the GroupMemberFirstName of the UserAuthorization	Not Null	nvarchar(25)
GroupMemberLastName	GroupMemberLastName	The GROUPMEMBERLASTNAME defines the GroupMemberLastName of the UserAuthorization	Not Null	nvarchar(35)
GroupName	GroupName	The GROUPNAME defines the GroupName of the UserAuthorization	Not Null	nvarchar(20)
SysStartTime	SysStartTime	The SYSSTARTTIME defines the SysStartTime of the UserAuthorization	Null	datetime
SysEndTime	SysEndTime	The SYSENDTIME defines the SysEndTime of the UserAuthorization	Null	datetime

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