CREATE OR ALTER PROCEDURE CheckProductDataValidity

AS

BEGIN

SET NOCOUNT ON;

SELECT

p.ProductID,

p.Name,

p.Price,

p.Stock,

p.Discount,

p.Description,

p.CategoryID,

p.ManufacturerID,

p.UnitID,

p.ImagePath,

-- Признак валидности

CASE

WHEN

LEN(p.Name) > 0 AND

p.Price >= 0 AND

p.Stock >= 0 AND

p.Discount >= 0 AND p.Discount <= 100 AND

LEN(ISNULL(p.Description, '')) > 0 AND

LEN(ISNULL(p.ImagePath, '')) > 0 AND

EXISTS (SELECT 1 FROM Categories WHERE CategoryID = p.CategoryID) AND

EXISTS (SELECT 1 FROM Manufacturers WHERE ManufacturerID = p.ManufacturerID) AND

EXISTS (SELECT 1 FROM Unit WHERE UnitID = p.UnitID)

THEN 1

ELSE 0

END AS IsValid

FROM Products p;

END

это валидность или нет 1,0

так вызвать - EXEC CheckProductDataValidity;

для всех таблиц

CREATE PROCEDURE ValidateAllTables

AS

BEGIN

SET NOCOUNT ON;

-- Валидация таблицы Products

SELECT

'Products' AS TableName,

ProductID AS RowID,

CASE

WHEN Name IS NULL OR LTRIM(RTRIM(Name)) = '' THEN 0

WHEN CategoryID IS NULL OR CategoryID NOT IN (SELECT CategoryID FROM Categories) THEN 0

WHEN ManufacturerID IS NULL OR ManufacturerID NOT IN (SELECT ManufacturerID FROM Manufacturers) THEN 0

WHEN UnitID IS NULL OR UnitID NOT IN (SELECT UnitID FROM Unit) THEN 0

WHEN Price < 0 THEN 0

WHEN Stock < 0 THEN 0

ELSE 1

END AS IsValid

FROM Products

UNION ALL

-- Валидация таблицы Categories

SELECT

'Categories' AS TableName,

CategoryID AS RowID,

CASE

WHEN Name IS NULL OR LTRIM(RTRIM(Name)) = '' THEN 0

ELSE 1

END AS IsValid

FROM Categories

UNION ALL

-- Валидация таблицы Manufacturers

SELECT

'Manufacturers' AS TableName,

ManufacturerID AS RowID,

CASE

WHEN Name IS NULL OR LTRIM(RTRIM(Name)) = '' THEN 0

ELSE 1

END AS IsValid

FROM Manufacturers

UNION ALL

-- Валидация таблицы Units

SELECT

'Unit' AS TableName,

UnitID AS RowID,

CASE

WHEN Name IS NULL OR LTRIM(RTRIM(Name)) = '' THEN 0

ELSE 1

END AS IsValid

FROM Unit

END

это бд

BACKUP DATABASE [dm2]

TO DISK = N'C:\Backups\dm2\_backup.bak'

WITH FORMAT,

MEDIANAME = 'dm2Backup',

NAME = 'Полная резервная копия базы данных dm2';

Бэкап

BACKUP DATABASE [ИмяБазы]

TO DISK = N'C:\Backup\ИмяБазы\_Полный\_Резервный\_Копия.bak'

WITH NOFORMAT, NOINIT,

NAME = N'Полный Резервный Копия ИмяБазы',

SKIP, NOREWIND, NOUNLOAD, STATS = 10;

GO

Еще пример

DECLARE @DatabaseName NVARCHAR(128) = 'dm2'

-- Путь к файлу резервной копии (укажите нужный путь)

DECLARE @BackupPath NVARCHAR(260) = 'C:\Backups\dm2\_backup.bak'

-- Команда резервного копирования

BACKUP DATABASE @DatabaseName

TO DISK = @BackupPath

WITH INIT, -- перезаписывает файл, если он уже существует

FORMAT, -- создаёт новый медиа-набор

NAME = 'Полный бэкап базы данных dm2',

STATS = 10; -- отображает прогресс каждые 10%