Disk Space Report -- SQL Server

--Create a new DB named DBAdmin for SQL DBA Administration Assistance & Troubleshooting.

--Create below Stored Procedure to extract Disk Space Details of a SQL Server.

--Tested this in SQL Server 2016 Developer Edition.

USE DBAdmin

GO

CREATE PROCEDURE USP\_diskspace

AS

SELECT DISTINCT

CONVERT(CHAR(100), SERVERPROPERTY('Servername')) AS Server,

volume\_mount\_point [Disk],

file\_system\_type [File System],

logical\_volume\_name as [Logical Drive Name],

CONVERT(DECIMAL(18,2),total\_bytes/1073741824.0) AS [Total Size in GB], ---1GB = 1073741824 bytes

CONVERT(DECIMAL(18,2),available\_bytes/1073741824.0) AS [Available Size in GB],

CAST(CAST(available\_bytes AS FLOAT)/ CAST(total\_bytes AS FLOAT) AS DECIMAL(18,2)) \* 100 AS [Space Free %]

FROM sys.master\_files

CROSS APPLY sys.dm\_os\_volume\_stats(database\_id, file\_id)

Execute below to get output of disk space details.

Use master

Go

Exec usp\_diskspace

Sample Output:

