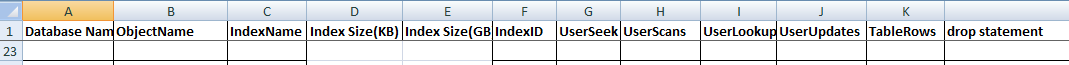
**Bad/ unused indexes:-**



IF OBJECT\_ID('tempdb..#table1') IS NOT NULL

DROP TABLE #table1

select

db\_name() as DatabaseName,OBJECT\_SCHEMA\_NAME(i.OBJECT\_ID) AS SchemaName,

OBJECT\_NAME(i.OBJECT\_ID) AS TableName,

i.name AS IndexName,

i.index\_id AS IndexID,

8 \* SUM(a.used\_pages) AS 'Indexsize(KB)',

CAST(ROUND(((SUM(a.used\_pages) \* 8) / 1024.00), 2) AS NUMERIC(36, 2)) AS TotalSpaceMB,

CAST(ROUND(((SUM(a.used\_pages) \* 8) / 1024.00/1024.00), 2) AS NUMERIC(36, 2)) AS TotalSpaceGB

into #table1

FROM sys.indexes AS i

JOIN sys.partitions AS p ON p.OBJECT\_ID = i.OBJECT\_ID AND p.index\_id = i.index\_id

JOIN sys.allocation\_units AS a ON a.container\_id = p.partition\_id

GROUP BY i.OBJECT\_ID,i.index\_id,i.name

ORDER BY OBJECT\_NAME(i.OBJECT\_ID),i.index\_id

go

IF OBJECT\_ID('tempdb..#table2') IS NOT NULL

DROP TABLE #table2

SELECT

o.name AS ObjectName

, i.name AS IndexName

, i.index\_id AS IndexID

, dm\_ius.user\_seeks AS UserSeek

, dm\_ius.user\_scans AS UserScans

, dm\_ius.user\_lookups AS UserLookups

, dm\_ius.user\_updates AS UserUpdates

, p.TableRows

, 'DROP INDEX ' + QUOTENAME(i.name)

+ ' ON ' + QUOTENAME(s.name) + '.'

+ QUOTENAME(OBJECT\_NAME(dm\_ius.OBJECT\_ID)) AS 'drop statement'

into #table2

FROM sys.dm\_db\_index\_usage\_stats dm\_ius

INNER JOIN sys.indexes i ON i.index\_id = dm\_ius.index\_id

AND dm\_ius.OBJECT\_ID = i.OBJECT\_ID

INNER JOIN sys.objects o ON dm\_ius.OBJECT\_ID = o.OBJECT\_ID

INNER JOIN sys.schemas s ON o.schema\_id = s.schema\_id

INNER JOIN (SELECT SUM(p.rows) TableRows, p.index\_id, p.OBJECT\_ID

FROM sys.partitions p GROUP BY p.index\_id, p.OBJECT\_ID) p

ON p.index\_id = dm\_ius.index\_id AND dm\_ius.OBJECT\_ID = p.OBJECT\_ID

WHERE OBJECTPROPERTY(dm\_ius.OBJECT\_ID,'IsUserTable') = 1

AND dm\_ius.database\_id = DB\_ID()

AND i.type\_desc = 'nonclustered'

AND i.is\_primary\_key = 0

AND i.is\_unique\_constraint = 0

AND

dm\_ius.user\_updates <> 0 -- This line excludes indexes SQL Server hasn�t done any work with

AND

dm\_ius. user\_lookups = 0

AND

dm\_ius.user\_seeks = 0

AND

dm\_ius.user\_scans = 0

ORDER BY

dm\_ius.user\_updates DESC

go

--=============================================

IF OBJECT\_ID('tempdb..#table3') IS NOT NULL

DROP TABLE #table3

select \* into #table3 from(

select row\_number()over(partition by a.IndexName,a.ObjectName order by a.ObjectName) as rowno,

db\_name() as DatabaseName,ObjectName,a.IndexName,[Indexsize(KB)],TotalSpaceGB,a.IndexID,UserSeek,UserScans,UserLookups,UserUpdates,TableRows,[drop statement]

from #table2 as a

left join

#table1 as b on a.[IndexName]=b.[IndexName]

and a.[IndexID]=b.[IndexID]

--order by a.UserUpdates desc

) as x

where rowno=1

go

--==============================================

select db\_name() as DatabaseName,ObjectName,IndexName,[Indexsize(KB)],TotalSpaceGB,IndexID,UserSeek,UserScans,UserLookups,UserUpdates,TableRows,[drop statement]

from #table3

order by UserUpdates desc

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