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Lab 5 Lessons Learned

Artisanal indexes are hard.

The SQL Server engine won't recommend them.

You may have to change code to get 'em to work.

You may have to take dependencies on the index.

These should be a last resort, not a first shot.



Use the D.E.A.T.H. method first.

Just
once

Dedupe – reduce overlapping indexes with sp_BlitzIndex

Eliminate – unused indexes with sp_BlitzIndex

Weekly
for 1
month

Add – badly needed missing indexes with sp_BlitzIndex

Do this only
AFTER the easy
stuff above

Tune – indexes for specific queries with sp_BlitzCache

Heaps – usually need clustered indexes (this is political)



Setting up for the final lab

1. Restore your StackOverflow database (Agent job)
2. Copy & run the setup script for Lab 6, takes 10 min
3. Start SQLQueryStress with the lab #6 workload:
 1. File Explorer, D:\Labs, SQLQueryStress.exe
 2. File, Open, D:\Labs\IndexLab6.json, Go

