

• Comparative Analysis Individual Analysis

Workload			Main Memory Parameter			Disk Parameters			Data Layout		
#Entries	10000	0000	Buffer size	16 💂	MB 👻	File size (in te	erms of buffer)	1 💂	Size ratio		4 🛓
Entry size	128 💂	в 🔻	BF size / Entry	10 💂	В 🔻	Page size	4	▲ КВ ▼	Leveli	ng	Tiering
					Advance	d settings					
Selectivity			50 💂 %	Storage read speed	1		1 💂 MB/s	Storage write	speed		1 🛔 MB/s
						100%	Play Pause	Finish		Step	3 🛔
Progress											
Progress	/anilla-LSM		Partial C	Compaction		Hyb	orid Strateg	ζV	Bu	ild-Your-	Own
Progress	/anilla-LSM		Partial C	Compaction		Hyb	orid Strateg	SY	Bu Tiered #Lev	ild-Your-	Own
Progress	/anilla-LSM veling Tiering		Partial C Level	Compaction ed Compaction		Hyb	orid Strateg Lazy Leveling 🕑	SY	Bu Tiered #Lev	ild-Your- ^{rels}	Own

Key Takeaways

Know your LSM-compaction

Avoid the worst designs

Adapt choices w/ workloads







nonstration