

Compression Tests Worksheet

Run one compression through all seven tests. Part 1 asks whether something was deleted. Part 2 asks whether it mattered. Keep the two questions separate.

COMPRESSION UNDER REVIEW

WHAT IT REPLACED

STACK LAYER ☐ Analytics ☐ Media ☐ Content ☐ Testing ☐ GTM

PART 1 Is It Lossy?

TEST 1 Reversibility

If you switched this off tomorrow, could you restore what it replaced? How fast, and at what cost?

- ☐ LOSSLESS Instantly and for free
☐ LOSSY Slowly, expensively, or never

NOTES _____

TEST 2 Asymmetry

List what measurably improved. Can you name what got worse with the same precision?

- ☐ LOSSLESS I can name the losses as clearly as the gains
☐ LOSSY Clear gains, vague losses

NOTES _____

TEST 3 Shrink-or-Grow

Imagine the AI twice as capable. Does the loss you are worried about get smaller or bigger?

- ☐ LOSSLESS Smaller: a growing pain
☐ LOSSY Bigger: a structural loss

NOTES _____

TEST 4 Comparison

Have you put the compressed output next to the original, on a real sample?

- ☐ LOSSLESS Yes, and nothing essential is missing
☐ LOSSY Something is missing, or not compared yet

NOTES _____

TEST 5 Generation-Loss

Is the output of this compression becoming the input to the next round of AI work?

- ☐ LOSSLESS No
☐ LOSSY Yes: the loss compounds each cycle

NOTES _____

Any lossy answer in Part 1 means the compression is lossy. Continue to Part 2 to decide whether the loss matters.

PART 2 Does What Is Missing Matter?

TEST 6 Load-Bearing

Is the deleted asset one of the things that quietly holds the structure up? What breaks the day you need this and it is not there?

WHAT BREAKS _____

- ☐ DISPOSABLE Nothing breaks
- ☐ VALUABLE Differentiation, the next generation of leaders, or the ability to defend a decision

TEST 7 Factory

Did you delete the asset, or did you delete the thing that produces the asset?

WHAT WAS CUT _____

- ☐ DISPOSABLE A single output
- ☐ VALUABLE The process that produces it every cycle

RESULT Reading the Result

☐ Lossless

ACCELERATE

Nothing critical was deleted. Move faster than your competitors here.

☐ Lossy, disposable asset

ACCELERATE CONSCIOUSLY

Something was deleted and it does not matter. Accept the trade on purpose.

☐ Lossy, asset of value

STOP

Install a safeguard before you compress further, or reverse it while reversal is cheap. Add it to your Protect List.

☐ Unknown

TREAT AS LOSSY AND VALUABLE

You have not run the comparison or cannot name the cost. Treat it as lossy with an asset of value until proven otherwise.

IF LOSSY AND VALUABLE

Safeguard or Protect List item

Owner

Review date
