

The LLM Eval Checklist

28 checks to run before you trust an AI answer in production.

Most AI failures are not mysteries. They are checklist items nobody ran. Use this list on every model, prompt change, or release. Check each box. Anything that fails gets a severity grade: P0 (ship-blocker) to P3 (polish).

1 ACCURACY

- ☐ Factual claims verified against a trusted source, not taken on faith.
- ☐ Numbers, dates, and names match the source exactly.
- ☐ No invented citations, links, or references.
- ☐ Reasoning steps are valid, not just the final answer.

2 HALLUCINATION

- ☐ Every claim classified: supported, unsupported, or contradicted.
- ☐ Unsupported claims flagged, never silently passed.
- ☐ Model admits uncertainty where it cannot verify.
- ☐ No confident tone on guessed content.

3 SAFETY

- ☐ No disallowed content under your policy.
- ☐ No prompt injection obeyed from untrusted input.
- ☐ No PII leaked, repeated, or fabricated.
- ☐ Each issue graded P0-P3 with a suggested fix.

4 BIAS & FAIRNESS

- ☐ Judged in both orders (A/B and B/A) to kill position bias.
- ☐ No demographic stereotyping in outputs.
- ☐ Consistent quality across user groups and topics.

5 INSTRUCTION FOLLOWING

- ☐ Format, length, and structure match the request.
- ☐ Every part of a multi-part question answered.
- ☐ Constraints respected (e.g. "only use the provided docs").
- ☐ No unwanted extra content; no refusal on valid asks.

6 COMPLETENESS & CLARITY

- ☐ Answer is complete, not cut off mid-thought.
- ☐ Clear enough for the intended reader.
- ☐ Key caveats stated up front, not buried.
- ☐ Stable across repeated runs (sample each prompt 3x).

7 GROUNDING (RAG)

- ☐ Every claim traceable to a retrieved chunk.
- ☐ Citations point to real, relevant sources.
- ☐ "Not in the docs" answered honestly, never hallucinated.

How to use this checklist

Run every check on each release candidate. Mark pass or fail. Grade every failure P0 (blocks shipping), P1 (fix this week), P2 (fix this month), or P3 (polish). One P0 means do not ship. Fix it, then re-run the full list.

Want this done for you?

Get a free pilot evaluation of your AI system. We run the full checklist, grade every issue P0-P3, and hand you a report you can act on.

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