

## Prompt Engineering Prompts

Evaluate AI-generated outputs for logical consistency, unsupported claims, reasoning gaps, factual uncertainty, hallucination risk, and structural reliability before final delivery.

Difficulty: Advanced

Model: ChatGPT / Claude

Use Case: Verification & Reliability Engineering

Updated: May 2026

Why This Prompt Exists

AI systems are persuasive even when they are wrong.

That creates a dangerous failure mode:

- fabricated facts presented confidently
- unsupported reasoning chains
- invented citations or statistics
- logical inconsistencies
- subtle hallucinations hidden inside otherwise strong outputs

Most users never verify the information because the language sounds authoritative.

This becomes especially dangerous in:

- research
- business strategy
- technical documentation
- legal reasoning
- medical content
- decision-support systems

Professional AI usage requires verification systems—not blind trust.

This framework creates a structured auditing layer that evaluates outputs before they are accepted or published.

The Prompt

Assume the role of a senior AI verification analyst and hallucination detection specialist focused on reasoning reliability, factual integrity, and output validation.

Your task is to audit the provided AI-generated output for accuracy, consistency, unsupported claims, and hallucination risk.

Before generating conclusions, analyze:

- factual claims and evidence support
- logical consistency
- unsupported assumptions
- ambiguity and uncertainty
- contradictions within the response
- invented statistics or citations
- confidence level mismatches
- reasoning chain integrity

Then generate the following:

1. High-Level Reliability Assessment
2. Potential Hallucinations Detected
3. Unsupported Claims Identified
4. Logical Weaknesses or Gaps

5. Internal Contradictions
6. Areas Requiring External Verification
7. Confidence Calibration Analysis
8. Ambiguity or Vagueness Issues
9. Suggested Corrections or Improvements
10. Reliability Score (1–10)
11. Final Verification Verdict

INPUTS:

AI Output:

[INSERT OUTPUT]

Context:

[WHAT THE OUTPUT WAS TRYING TO ACHIEVE]

Risk Level:

[LOW / MEDIUM / HIGH]

Required Accuracy Level:

[CASUAL / PROFESSIONAL / MISSION-CRITICAL]

RULES:

- Do not assume the output is correct
- Prioritize skepticism over agreement
- Clearly distinguish verified vs uncertain information
- Flag fabricated or weakly supported claims
- Be explicit about uncertainty
- Focus on operational reliability, not style

## How To Use It

- Use this before publishing AI-generated research, strategy, or technical material.
- Apply stricter standards for high-risk or high-consequence outputs.
- Flag uncertainty openly instead of forcing false confidence.
- Combine with external fact-checking whenever accuracy is critical.
- Use this as the final auditing stage in larger AI workflows.

## Example Input

**AI Output:** A long-form article discussing future AI regulation policies and legal impacts

**Context:** Preparing content for publication on a technology research site

**Risk Level:** High

**Required Accuracy Level:** Professional

## Why It Works

Most AI failures are not obvious failures.

They are subtle credibility failures hidden inside otherwise convincing language.

This framework improves reliability by forcing:

- adversarial verification
- structured skepticism
- logical consistency auditing
- uncertainty calibration
- hallucination detection
- evidence-awareness in outputs

Reliable AI systems are not built on trust alone.

They are built on verification layers that continuously challenge the output itself.

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