FREE AI RESOURCE 10

Universal AI Problem-Solving Prompt

A flagship reusable framework for analysing almost any real problem.

Hassan Yusuf AI Education

PRACTICAL • CLEAR • ACTION-FOCUSED

OUTCOME

A flagship reusable framework for analysing almost any real problem.

What problem this solves

Real problems usually contain symptoms, missing information, constraints and competing explanations. This prompt gives AI a disciplined role: understand the situation, separate facts from assumptions, examine causes, compare options, prioritise action and define how progress will be measured.

Who it is for

Anyone using AI to think through a practical problem in business, work, freelancing, content or planning.

When to use it

- The situation is complex and several causes or solutions are possible.
- You need a decision-ready analysis, not a list of generic tips.
- You want a reusable prompt that keeps human judgement at the centre.

Information to prepare

Complete what you know. Write 'unknown' when the information is not available; do not guess.

Situation: _____

People affected: _____

Location or market: _____

What is happening: _____

Evidence or examples: _____

Desired outcome: _____

Why it matters: _____

What has already been tried: _____

Budget: _____

Time available: _____

Skills and resources: _____

Constraints: _____

Risks: _____

Decision deadline: _____

What success would look like: _____

Main copy-ready AI prompt

Copy the prompt below into ChatGPT, Gemini or another capable AI assistant. Then paste your completed context form after it.

```
ROLE
Act as a practical problem-solving partner specialising in universal ai problem-solving prompt.


TASK
Analyse the context I provide after this prompt and help me make a better decision and take practical action.


ANALYSIS REQUIRED
1. Understand and restate the situation without changing the facts.
2. Identify the most useful problem statement.
3. Separate symptoms, possible causes and consequences.
4. List facts, assumptions and essential missing information.
5. Generate several plausible explanations and note evidence for and against each.
6. Create realistic solution options that fit the stated constraints.
7. Evaluate options using impact, effort, cost, risk, reversibility and learning value.
8. Prioritise actions and explain dependencies.
9. Create an execution plan with owners, timing, checkpoints and safeguards.
10. Define success measures, early warning signals and the next decision point.


RULES
- Do not invent missing facts, data, customer feedback, prices, people, policies or results.
- Separate facts I provided, assumptions, and missing information.
- Ask only essential questions when the answer cannot be completed safely without them.
- State uncertainty clearly and explain what evidence would reduce it.
- Account for my budget, location, skills, time and available resources.
- Prioritise recommendations instead of giving a long unranked list.
- Prefer ethical, legal, low-risk and reversible tests when evidence is weak.
- Give practical next actions with an owner, timing and success measure where possible.
- Do not guarantee results.
- Flag legal, medical, financial or other high-stakes points that need qualified professional advice.


OUTPUT FORMAT
```

```
1. Situation summary
2. Problem statement
3. Symptoms / causes / consequences
4. Facts / assumptions / gaps
5. Explanations considered
6. Options comparison
7. Recommendation
8. Execution plan
9. Success measures
10. Risks and safeguards
11. What to do next


MY CONTEXT
I will paste my completed context form below. Start by checking whether the information is
sufficient.
```

Prompt improvement tip: If the first answer is too broad, ask AI to show which missing evidence would most change the recommendation before requesting more ideas.

Decision-quality rules

- Do not invent missing facts, data, people, prices, policies or results.
- Ask only essential questions when the analysis cannot be completed safely without them.
- State uncertainty and show how it affects the recommendation.
- Account for location, budget, time, skills, tools and available support.
- Prefer reversible tests when evidence is weak.
- Do not guarantee results or present professional advice outside your competence.

Action priority labels

- NOW: necessary within the next 24-72 hours.
- NEXT: dependent actions for the following one to two weeks.
- LATER: useful only after evidence or capacity improves.
- DO NOT DO YET: expensive, risky or premature actions.

Practical example

FICTIONAL EXAMPLE

Fictional scenario: A professional is deciding whether to launch a weekend AI workshop. The prompt separates the desired outcome from the proposed solution, identifies missing evidence about audience and schedule, compares a full workshop with a small pilot and creates a decision rule based on qualified registrations, delivery capacity and participant feedback.

How to use the AI answer

- Review whether the problem statement is specific enough to guide action.
- Correct any assumption that AI treated as a fact.
- Choose the first action that creates useful evidence with acceptable risk.
- Set the review date before you begin.
- Return with new evidence and ask AI to update, not defend, the original plan.

Mistakes to avoid

- Using the prompt without completing the context fields.
- Accepting one possible cause as certain.
- Choosing the biggest solution before testing the problem.
- Leaving actions without owners, measures or review dates.

Next action

Choose the specialised resource in this library that matches the problem area, then apply its focused diagnostic.

Find every free resource at hassan-yusuf-ai-education.mrhassanyuusuf.chatgpt.site/resources.

Responsible use

IMPORTANT

AI can assist with analysis, planning and content creation, but outputs may contain errors. Verify important information and use qualified professional advice for legal, medical, financial or other high-stakes decisions.