



HCPO 2024

BALANCING CHANGE IN
A DYNAMIC LANDSCAPE



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HAWAI'I AI:

A Round Table Exercise

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Historical Components of AI :

Game playing – Chess and checkers were early battlegrounds for AI

Pattern recognition – Identifying patterns in data sets

Expert Systems – These were first created in the 1970s, ES were among the first truly successful forms of AI.

Why is AI so prevalent today?

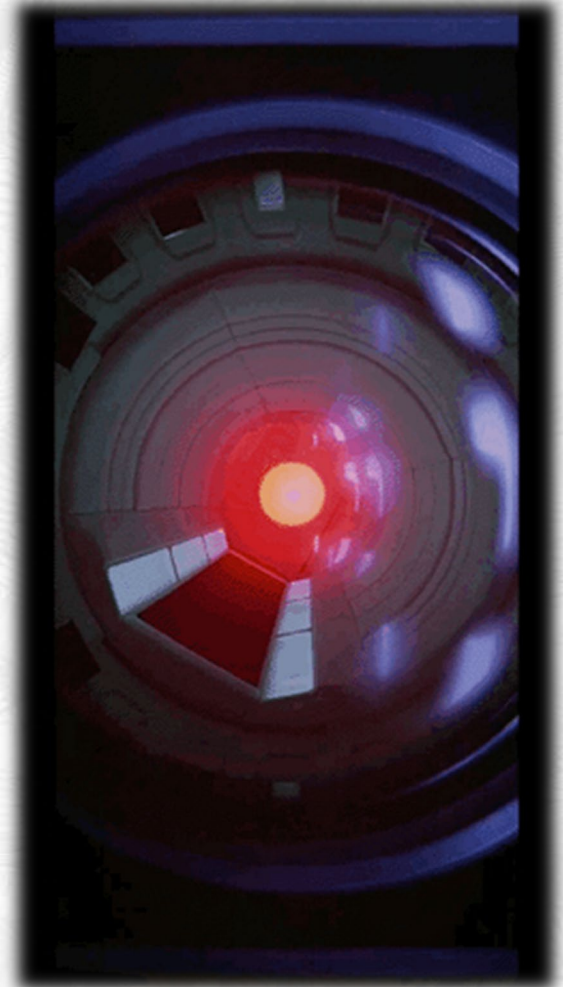
Technological advancements, data availability, and its increasing adoption across various sectors.

Are there concerns with its use in all sectors of society? Or is this just another bit of technology?

AI & Core Competencies: Alignment & Enhancement

American Planning Association

1. History, Theory, and Law
2. Community Engagement
3. Research and Data Analysis
4. Plan Creation and Implementation
5. Ethics and Professionalism
6. Sustainability and Environmental Planning
7. Transportation Planning
8. Urban Design
9. Economic Development
10. Housing
11. Infrastructure Planning





Harnessing AI in Professional Planning

- 1) **AI for Traffic Management and Prediction** *Los Angeles, California*
- 2) **AI for Flood Risk Assessment** *The Netherlands*
- 3) **AI in Land-Use Planning** *Helsinki, Finland*
- 4) **AI for Urban Planning and Infrastructure Development** *Honolulu*
- 5) **AI for Environmental Monitoring** *Singapore*
- 6) **AI for Coastal Erosion Monitoring and Management** *Fiji*
- 7) **AI in Disaster Response and Recovery Planning** *Vanuatu*
- 8) **AI for Sustainable Fisheries Management** *Palau*

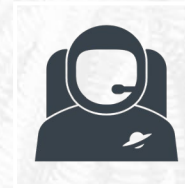
Example of Prompt Engineering



Creative Writing:

Initial Prompt: “Write a short story about a planner.”

Refined Prompt: “Write a short story about a friendly planner who helps a village overcome a drought.”



Technical Explanation:

Initial Prompt: “Explain shoreline erosion.”

Refined Prompt: “Explain shoreline erosion in simple terms that a community Planner with 4 years of experience could easily understand”

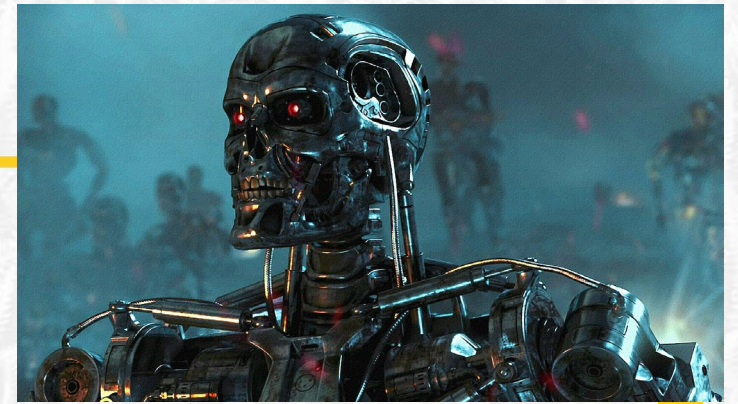


Customer Support:

Initial Prompt: “How do I reset my password?”

Refined Prompt: “Provide step-by-step instructions to reset my password on a Windows 11 computer for a Japanese speaking person”

Best Prompt Practices



Be Specific

The more specific the prompt, the better.

Use Examples

Providing examples can guide the AI to produce the desired output.

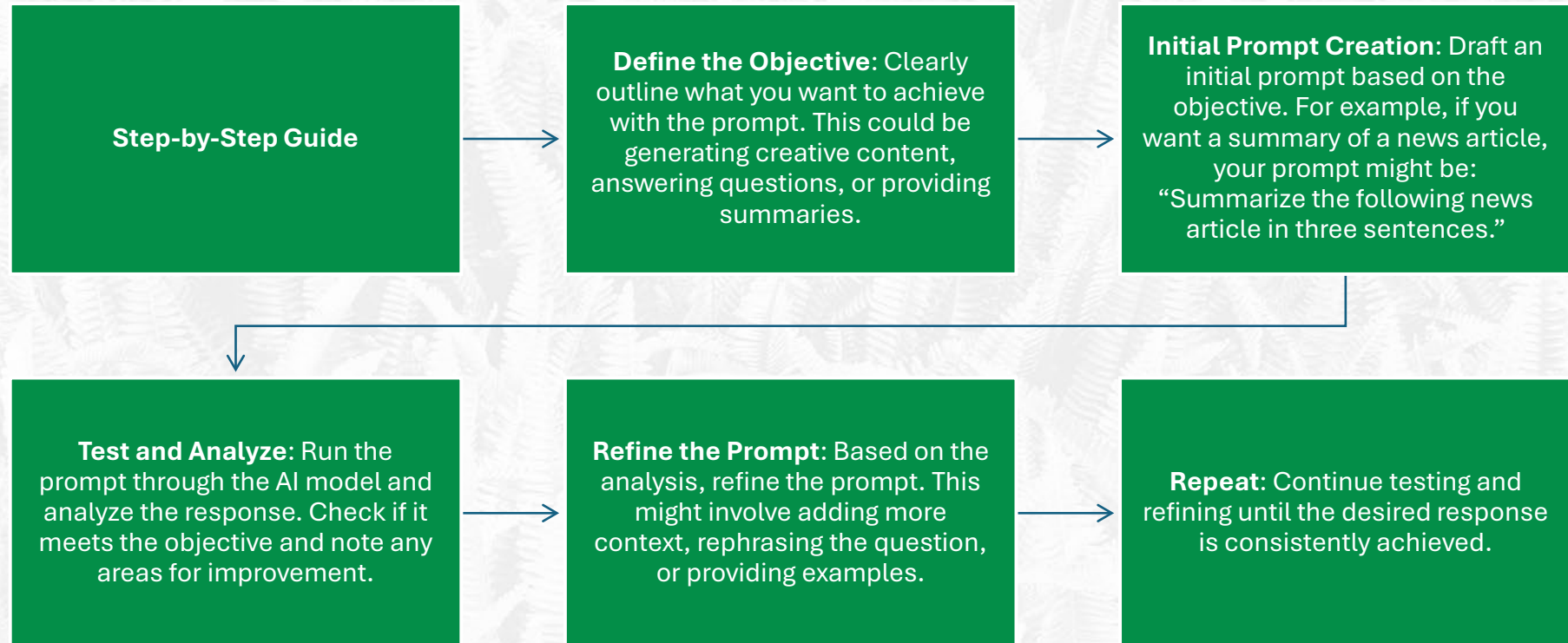
Iterate

Don't expect perfection on the first try. Iterative refinement is key.

Test

Test with Different Scenarios: Ensure the prompt works well across various scenarios to guarantee robustness.

Applied Practice of Prompt Engineering

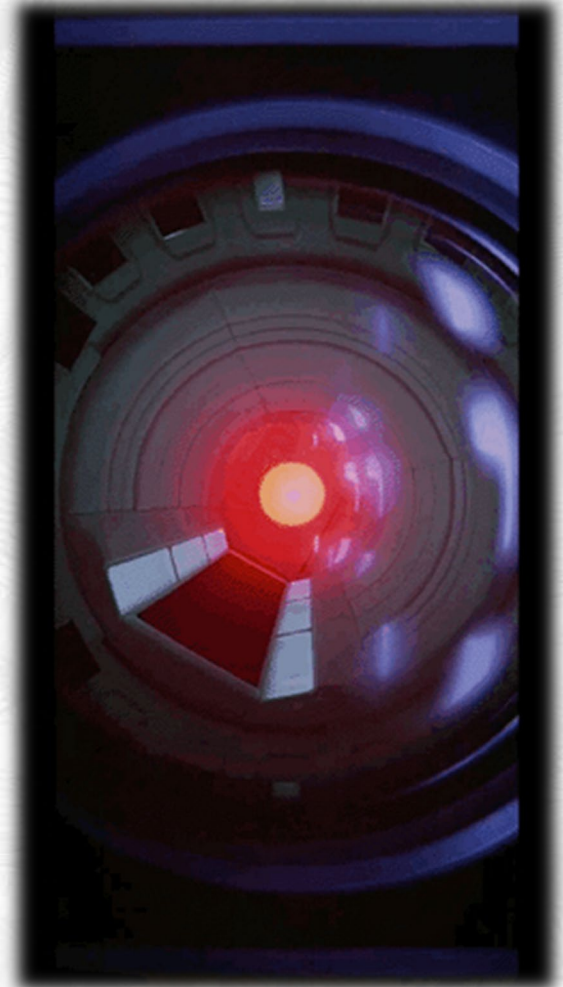




SHALL WE PLAY A GAME

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AI Output Reviews & Takeaways

Take your time (iterative)

Choose your Words carefully

Ask the Right Questions

Hold AI Accountable

Hold Yourself Accountable

