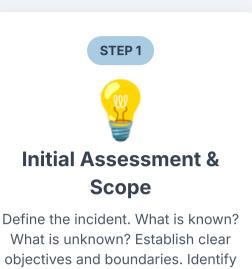
Strategic Case Planning

Hypothesis Testing & Bias Mitigation (KA-MOD-024)

Developing multi-path investigative strategies and rigorously testing theories against evidence to avoid tunnel vision and premature conclusions.

1. The Iterative Case Planning Cycle



Establish Ground Truth.

initial key players & data sources.

Preliminary Timeline.





Generate Multiple Hypotheses

Brainstorm **2-3 competing theories** for what might have happened. Avoid immediately favoring one. This combats confirmation bias.

- "The data was exfiltrated by A."
- "The data was deleted by B."







Evidence Collection Plan

For EACH hypothesis, identify the specific evidence needed to prove or disprove it. Detail collection methods and priorities.

- "If A, then seek X, Y, Z."
- "If B, then seek P, Q, R.'







STEP 4

Test, Analyze & Refine

Collect evidence. **Which hypothesis is supported? Which is refuted?** Adjust your plan, generate new hypotheses, or narrow your focus. Repeat.

Eliminate weakest theories. Develop new lines of inquiry.

2. Bias Mitigation Strategies





Counter Confirmation Bias

Actively pursue multiple, even contradictory, hypotheses. Don't fall in love with your first theory.



Seek Disconfirming

Evidence

Specifically look for data that would prove your working hypothesis WRONG, not just data that proves it right.



Structured Peer Review

Implement internal review (e.g., "Obie Obscura") to challenge assumptions and identify unexamined avenues.