



ArtSci AI

The rigor of intelligence tradecraft at the speed of AI

KNOWLEDGE WORKFLOW DESIGN

The essential bridge from tacit expertise to transformative AI solutions

The AI Implementation Gap Many AI projects flop or fail to scale because they lack documented and modular expert reasoning. ArtSci AI's Knowledge Workflow Design (KWD) translates complex analytic cognition and decision logic into structured, easily integrated specifications, ensuring AI-powered intelligence solutions, including complex agentic workflows, are built right the first time, with less rework and faster deployment.

Deliver AI solutions that are...

FAST

Accelerated Development

Heuristics are mapped, modular, and ready for continuous integration/deployment, drastically reducing time-to-market.

ACCURATE

Grounded Performance

Prompts and retrieval are grounded in documented domain knowledge and explicit logic, not gut feel or developer guesswork.

SCALABLE

PromptOps Discipline

Prompt/variable libraries and heuristics are modular, versioned, and governed like code for easy evolution and scaling.

THE KWD METHOD: Systematizing Expertise

ASSESSMENT & DISCOVERY

We systematically investigate knowledge tasks to determine how underlying expertise can be optimized for AI software solutions.

AI Acumen Evaluation & Baselineing:

We assess AI-readiness and upskill customers to ensure they are active, capable collaborators throughout the knowledge capture process.

Knowledge Workflow Investigation:

We decompose tasks, identifying key inputs, step-by-step transformations, core heuristics, and associated decision logic.

EXECUTION & ARTIFACTS

We translate assessment data into actionable, governed assets for development teams.

KNOWLEDGE TASK

PROFILES: The "AI task blueprints" for engineers, detailing objectives, rules, and sequencing logic.

KNOWLEDGE

LIBRARY: The contextual knowledge substrate for accuracy and consistency.

ADVANCED MODULAR

PROMPTS: Optimized, reusable AI instructions to operationalize cognitive logic.

PROMPT & VARIABLES

LIBRARIES: Centralized repositories for version control and context passing.