

AnthroQuest: Hyper-Local AI Cultural Tourism

Bridging the gap between physical spaces and invisible histories through guided, location-aware AI.

Designing Contextual Discovery



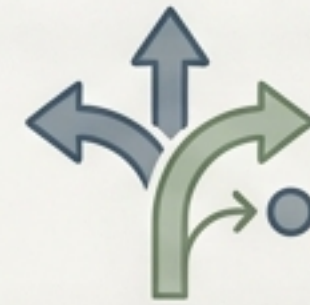
Step 1: Locate

The tourist selects a specific tour theme and arrives at an established physical waypoint.



Step 2: Inquire

The system generates a highly localized historical interpretation based on the specific location and tour theme.



Step 3: Explore

The platform dynamically populates auto-suggested follow-on topics, custom archival image lists, and detailed reference sites for deeper investigation.

The 100-Meter Geo-Fence Constraint

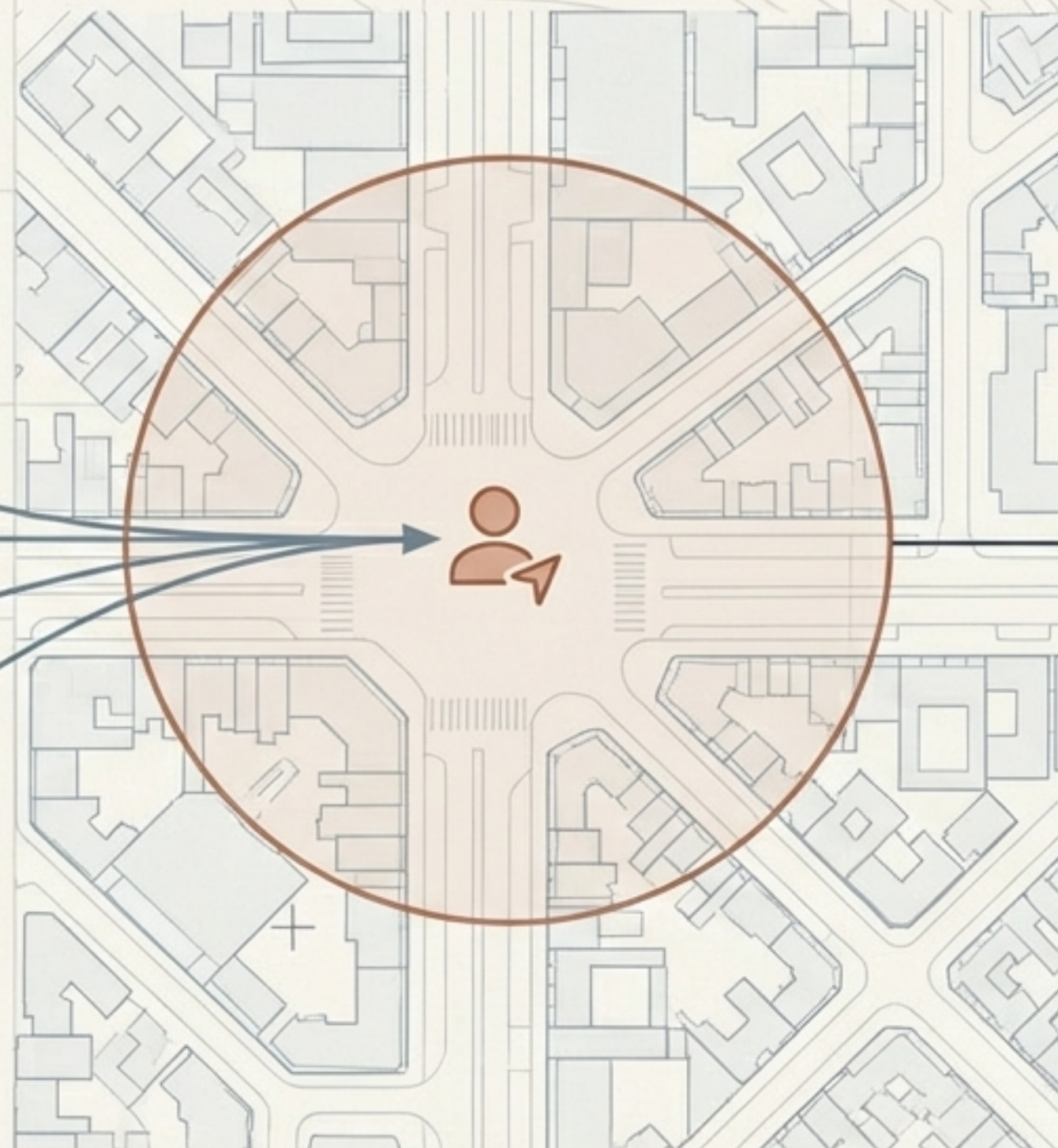
AnthroQuest rejects broad regional summaries to act as a hyper-local cultural historian. All results are strictly constrained to a 100-meter radius of the user's current location.

Onboard device GPS

Manual Latitude/Longitude coordinates

Specific street addresses

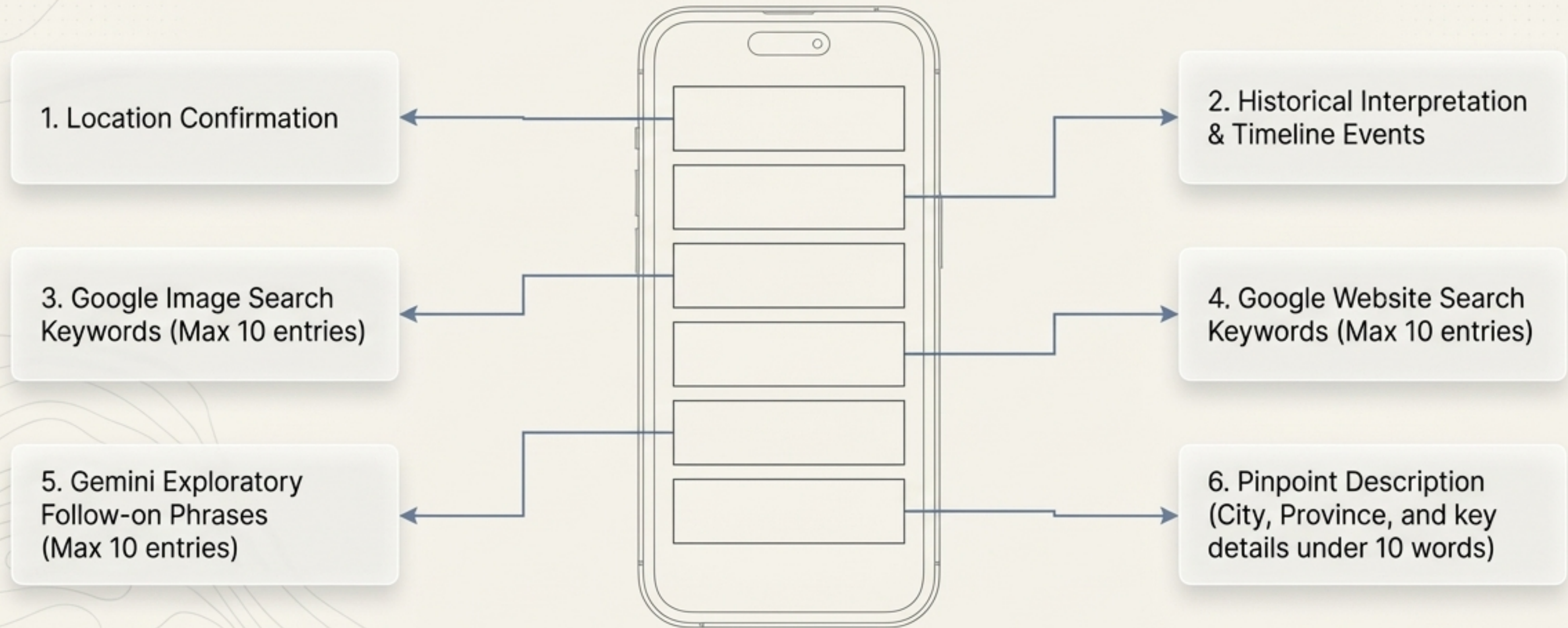
Image recognition of immediate buildings and landmarks



100-Meter Radius

Structured Historical Intelligence

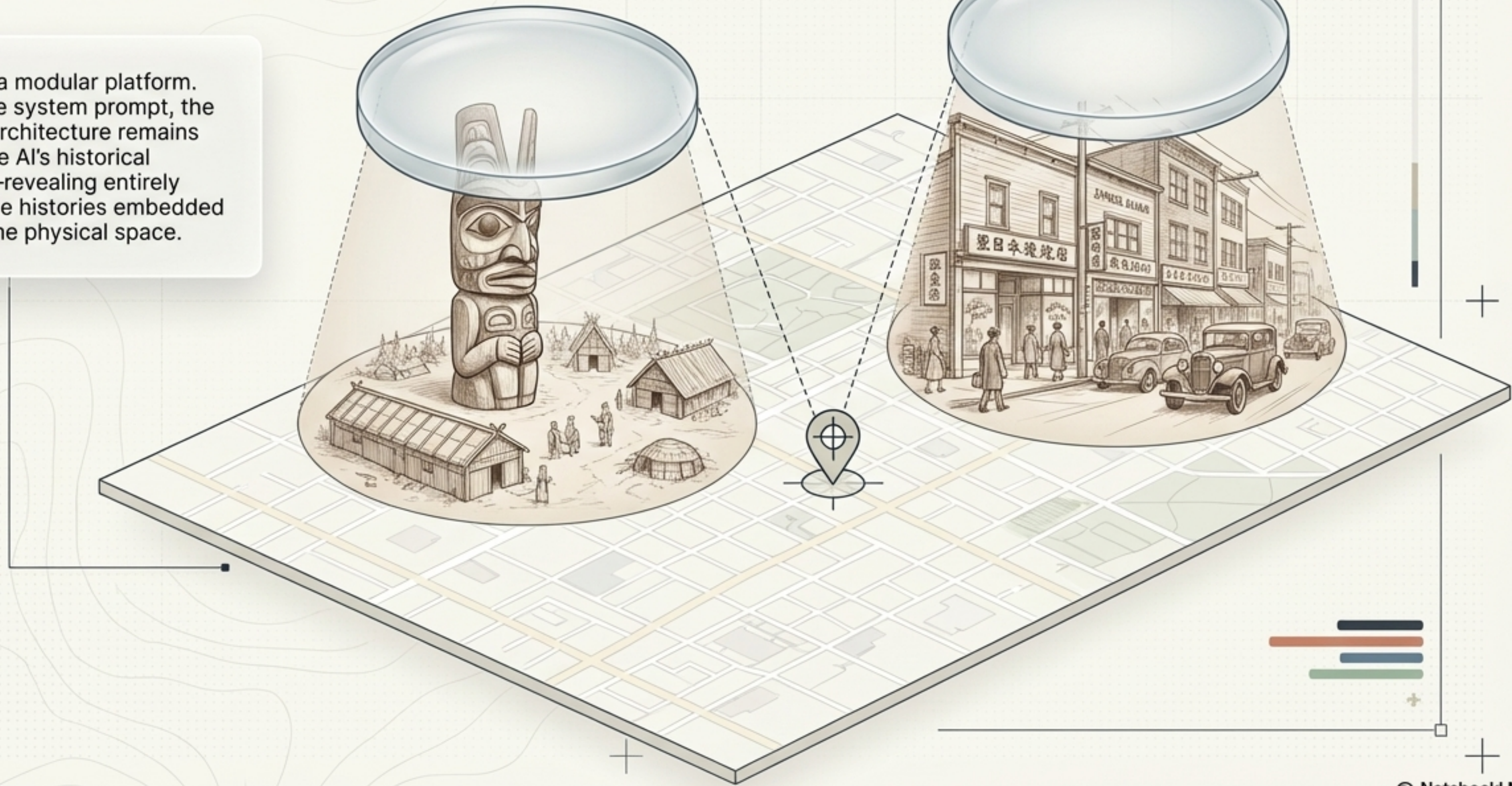
Every interaction is forced into a strict, 6-part standardized Markdown response to ensure consistent user experience and comprehensive searchability.



When an image is provided, the system inserts a preliminary step to computationally determine the geographical location before proceeding.

Interchangeable Cultural Lenses

AnthroQuest is a modular platform. By swapping the system prompt, the core technical architecture remains identical, but the AI's historical persona shifts—revealing entirely different invisible histories embedded in the exact same physical space.



Lens Application: First Nations History

The system acts as a conversational, highly knowledgeable social historian dedicated strictly to local First Nations communities.

Era Focus

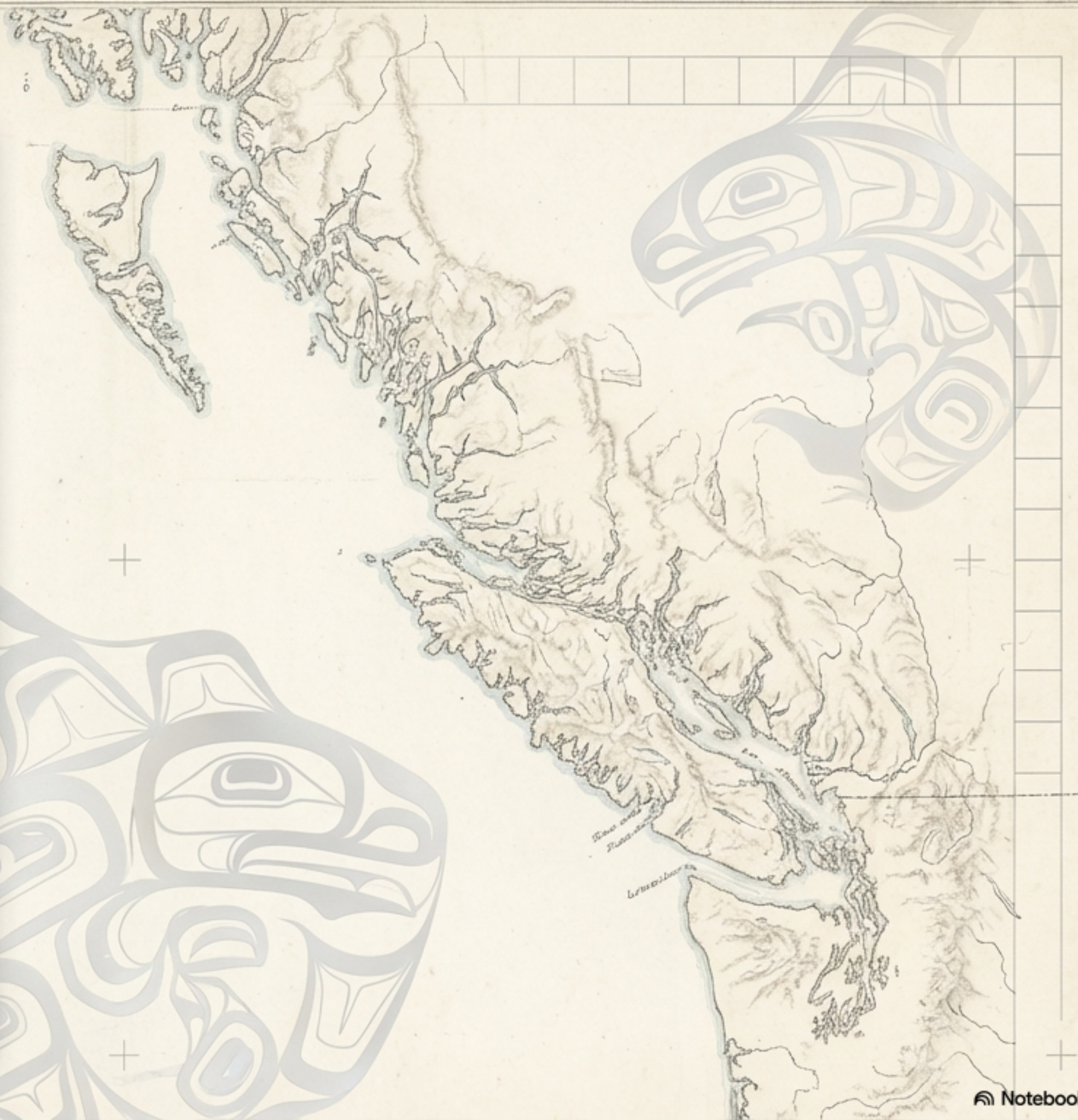
Before, during, and after colonization.

Thematic Priorities

Society, customs, and significant artifacts.

Sociological Imperative

Requires thoughtful commentary on race, ethnic discrimination, changes over time, and significant sociological impacts within the 100-meter radius.



Lens Application: Japanese Canadian History

The exact same geographic coordinate yields a completely different historical focus, tuning the AI to the local Japanese Canadian community.

Era Focus

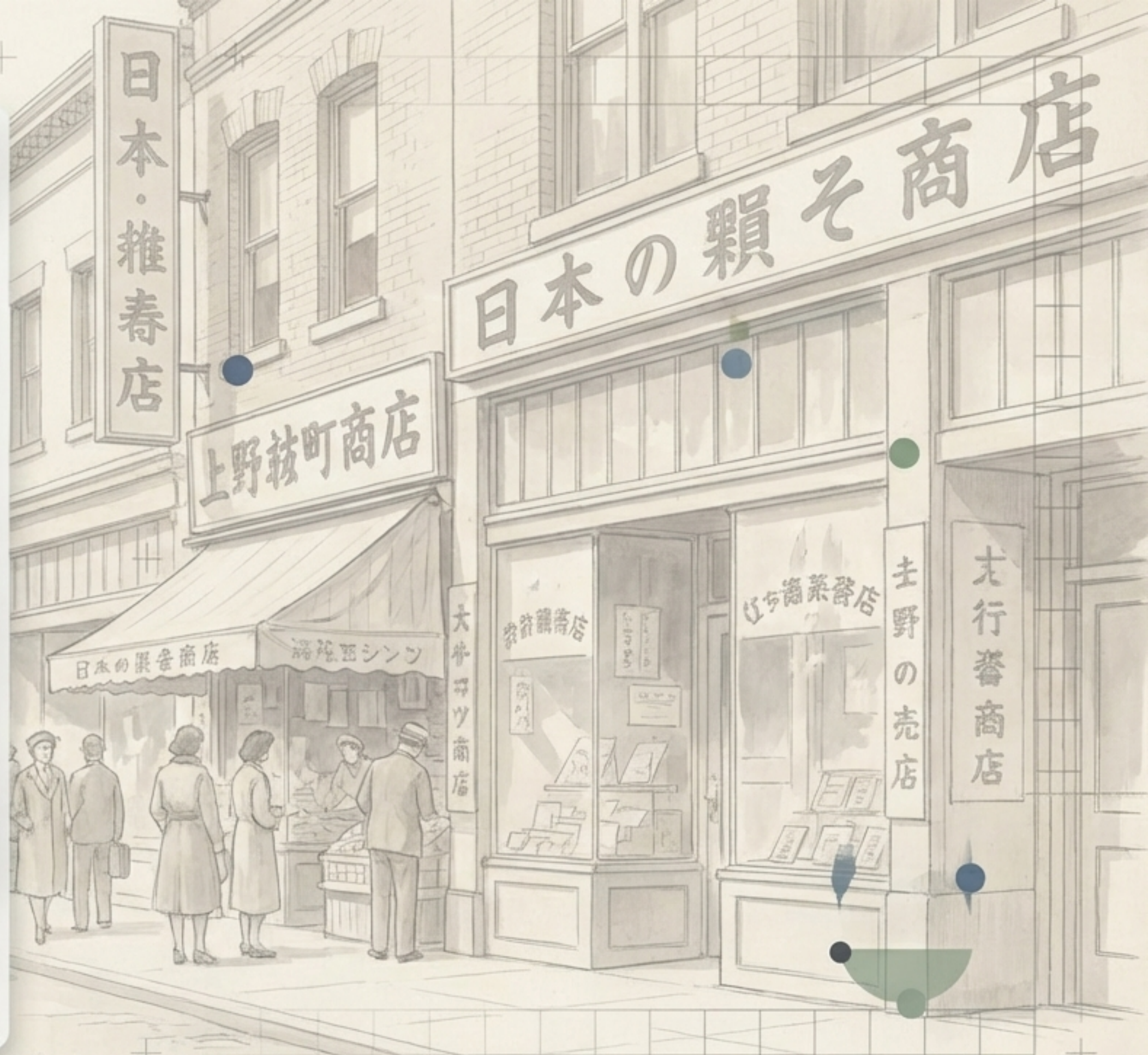
Before, during, and after World War II.

Thematic Priorities

Japanese Canadian society, customs, and significant local individuals.

Sociological Imperative

Focuses heavily on the localized impacts of internment, racism, ethnic discrimination, and community displacement.



Architectural Modularity at a Glance

	First Nations Lens	Japanese Canadian Lens
Geographic Constraint	100-Meter Radius	100-Meter Radius
System Output	6-Part Structured Markdown	6-Part Structured Markdown
Timeline Anchor	Pre/Post Colonization	Pre/During/Post WWII
Sociological Focus	Customs, Artifacts, Racism	Internment, Displacement, Racism

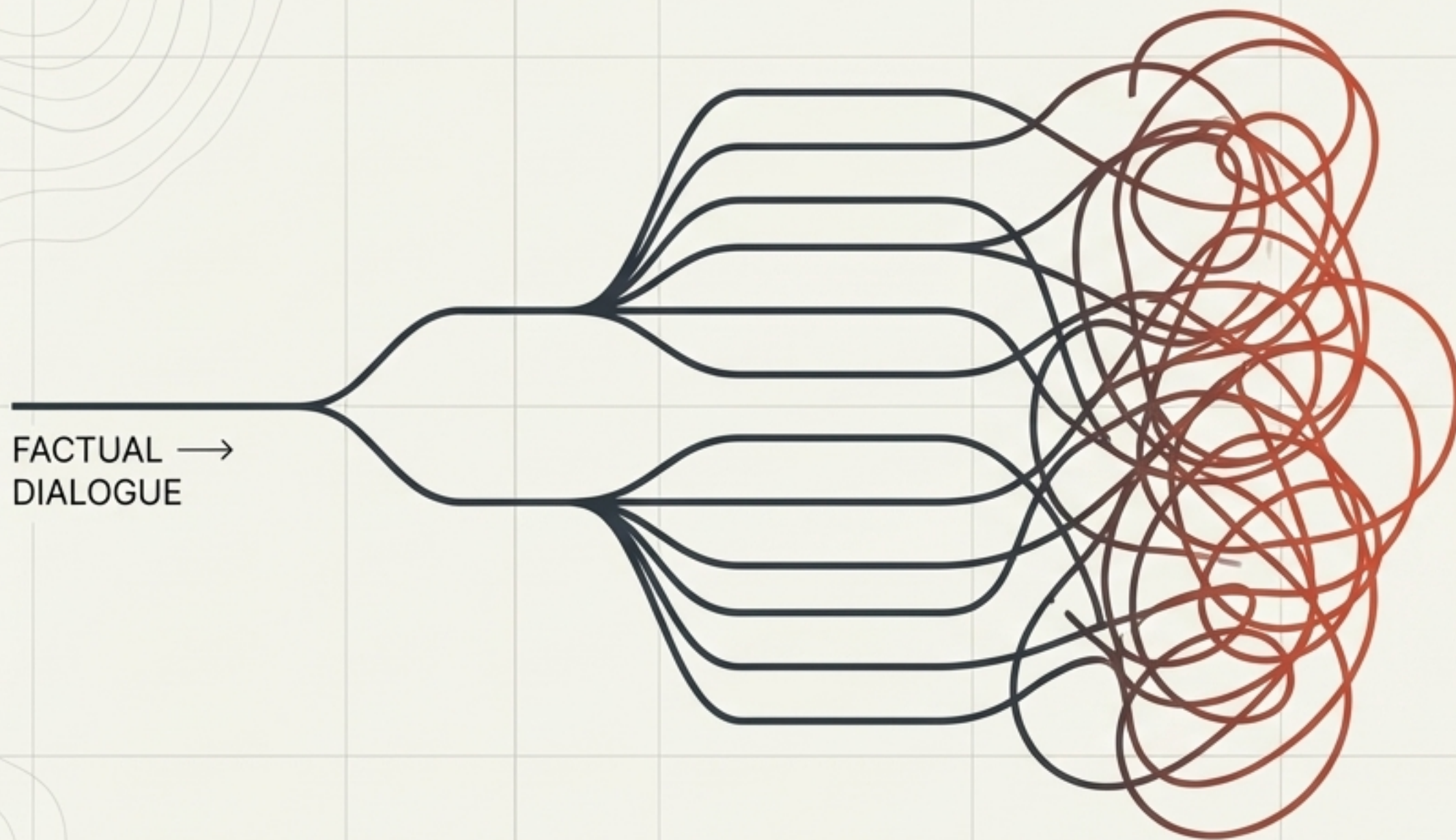
The underlying code never changes; only the historical parameters adapt.

The Vulnerability of Autonomous AI

Complex historical subjects—especially those involving marginalized communities and systemic discrimination—carry immense nuance. Tourists can easily get lost in the details. In these highly sensitive contexts, unsupervised AI is unacceptably susceptible to factual hallucinations and interpretive errors.

FACTUAL →
DIALOGUE

AI HALLUCINATION & ERROR ↘



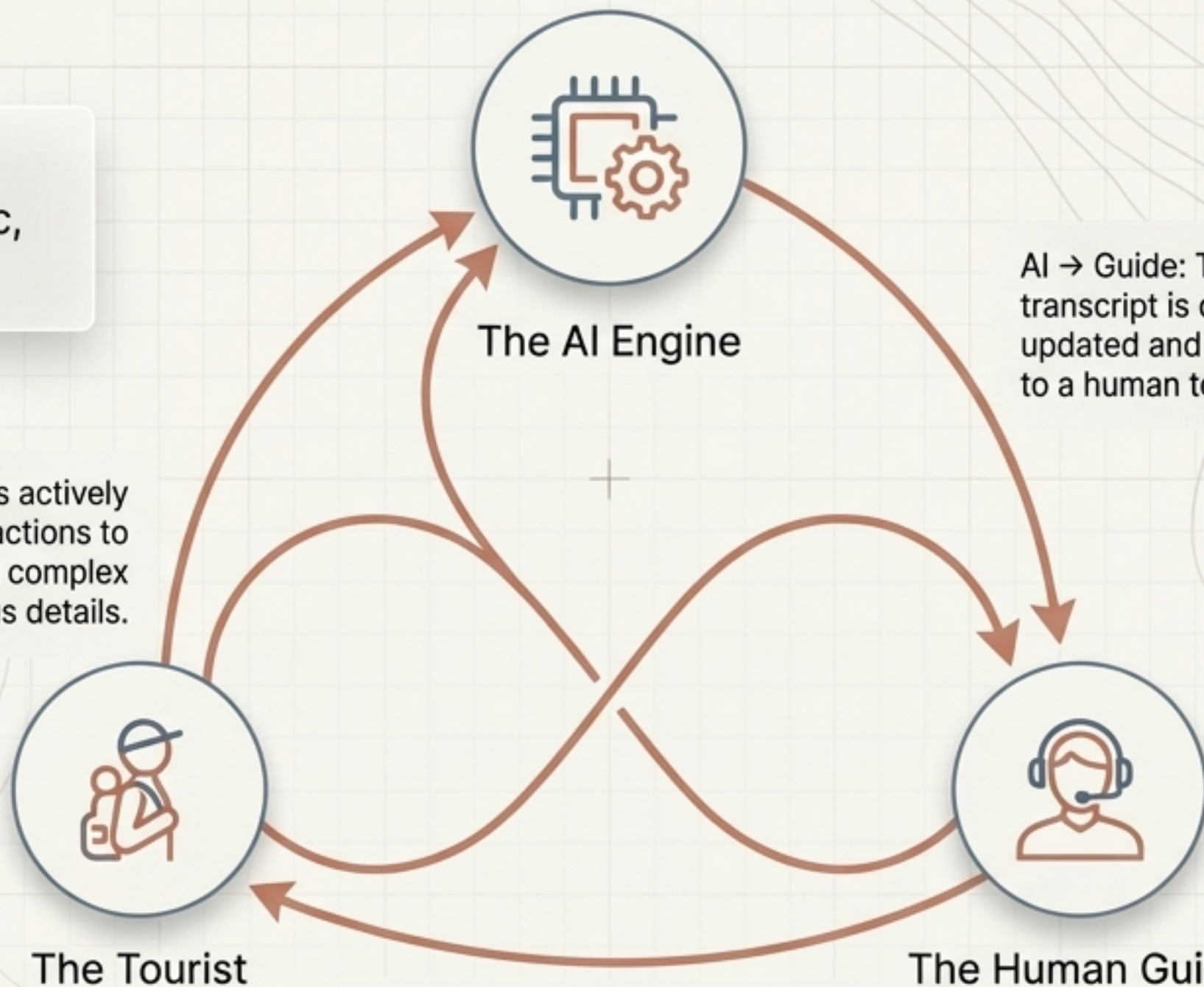
The Human-in-the-Loop Architecture

AnthroQuest mitigates AI hallucinations through dynamic, real-time human oversight.

Tourist → Guide: Tourists actively share their AI interactions to seek help deciphering complex or ambiguous details.

AI → Guide: The full AI transcript is dynamically updated and instantly visible to a human tour guide.

Guide → Tourist: The guide monitors the dialogue, interjects, corrects factual drift, and adds essential human empathy and context.



The Future of Cultural Curation

AnthroQuest is a hybrid framework. It harnesses the vast retrieval power of AI while strictly relying on human guides to anchor digital histories in profound, accurate reality.

Pillar 1: Hyper-Local Data

Constrained to 100 meters to ensure relevance and eliminate broad generalizations.

Pillar 2: Specialized AI

Interchangeable cultural lenses capable of infinite, dynamic archival retrieval and structured search formatting.

Pillar 3: Human Oversight

Real-time intervention by human guides to ensure factual truth, empathy, and contextual safety.