0.1

Open Inquiry Channel



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0.2

Raw Inquiry



A question about the mind and behavior.

Course Investment: ~1 Hour

Scientific Output



Trusted Evidence.

Welcome to a foundational library of university-level material. The objective is twofold: learn how psychologists generate reliable data, and learn how to independently judge evidence of your own.

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0.3

Everyday Claims

Claim: A specific food improves memory

Claim: Screen time harms teenagers.

The Methodological Lens



The ability to distinguish a strong, evidence-based claim from a weak, unsupported one.

Why methods matter: Nearly every claim about human nature originates from a study. Understanding research architecture is a universal critical thinking skill, requiring no prior prerequisites.

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0.4 Course Architecture (Part I: Foundations)

Module 1	Module 2	Module 3
Lecture One: Scientific Thinking	**Lecture Two: Measurement**	**Lecture Three: Observation**
Overcoming common sense pitfalls, forming hypotheses, formulating testable questions.	The dual pillars of reliable metrics: Reliability and Validity.	Survey architecture, sampling techniques, and correlation.

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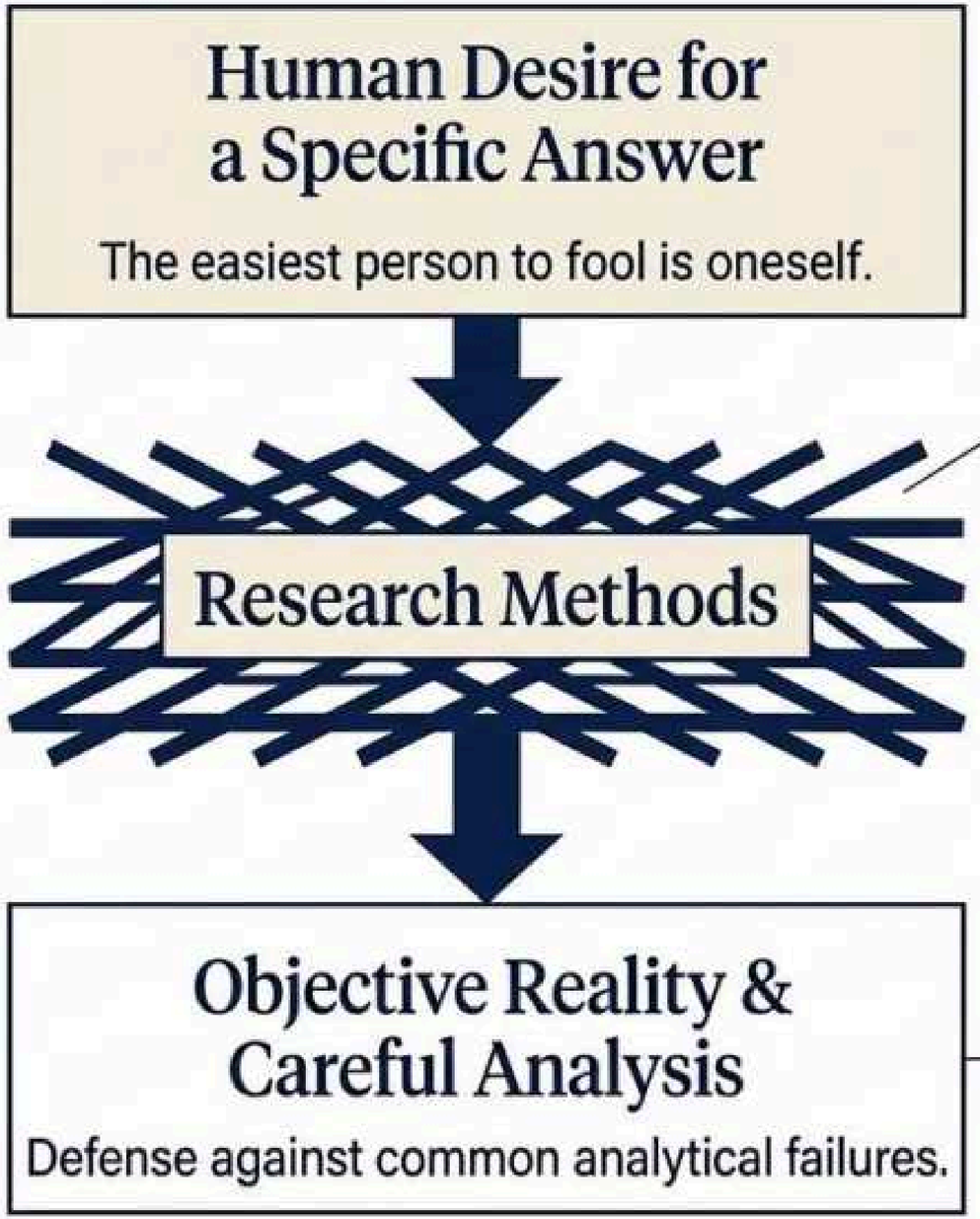
0.5 Course Architecture (Part II: Analysis & Application)

Module 4	Module 5	Module 6
Lecture Four: Experiments	**Lecture Five: Statistics** (In Plain Words)	**Lecture Six: Ethics & Application**
The definitive tool for establishing causal relationships.	Averages, spread, p-values, and effect sizes.	The replication crisis, evaluating published research, and analyzing science journalism.

Terminal Objective: The ability to explain how a rigorous study is designed and diagnose exactly why failing studies collapse.

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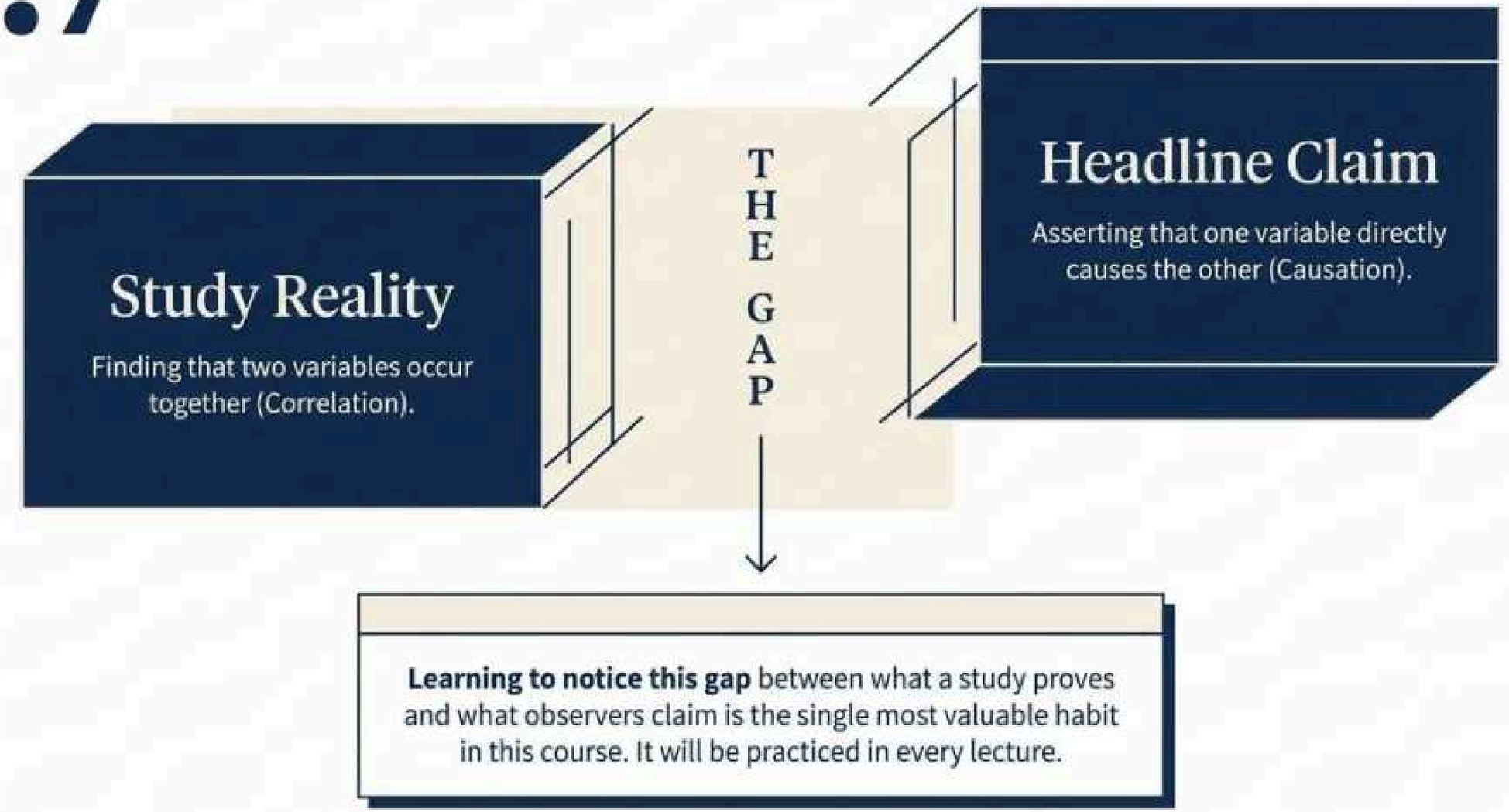


A systemic set of habits designed to enforce honesty and prevent self-deception.

Methodology is not a dry list of rules; it is the fundamental practice of intellectual honesty.

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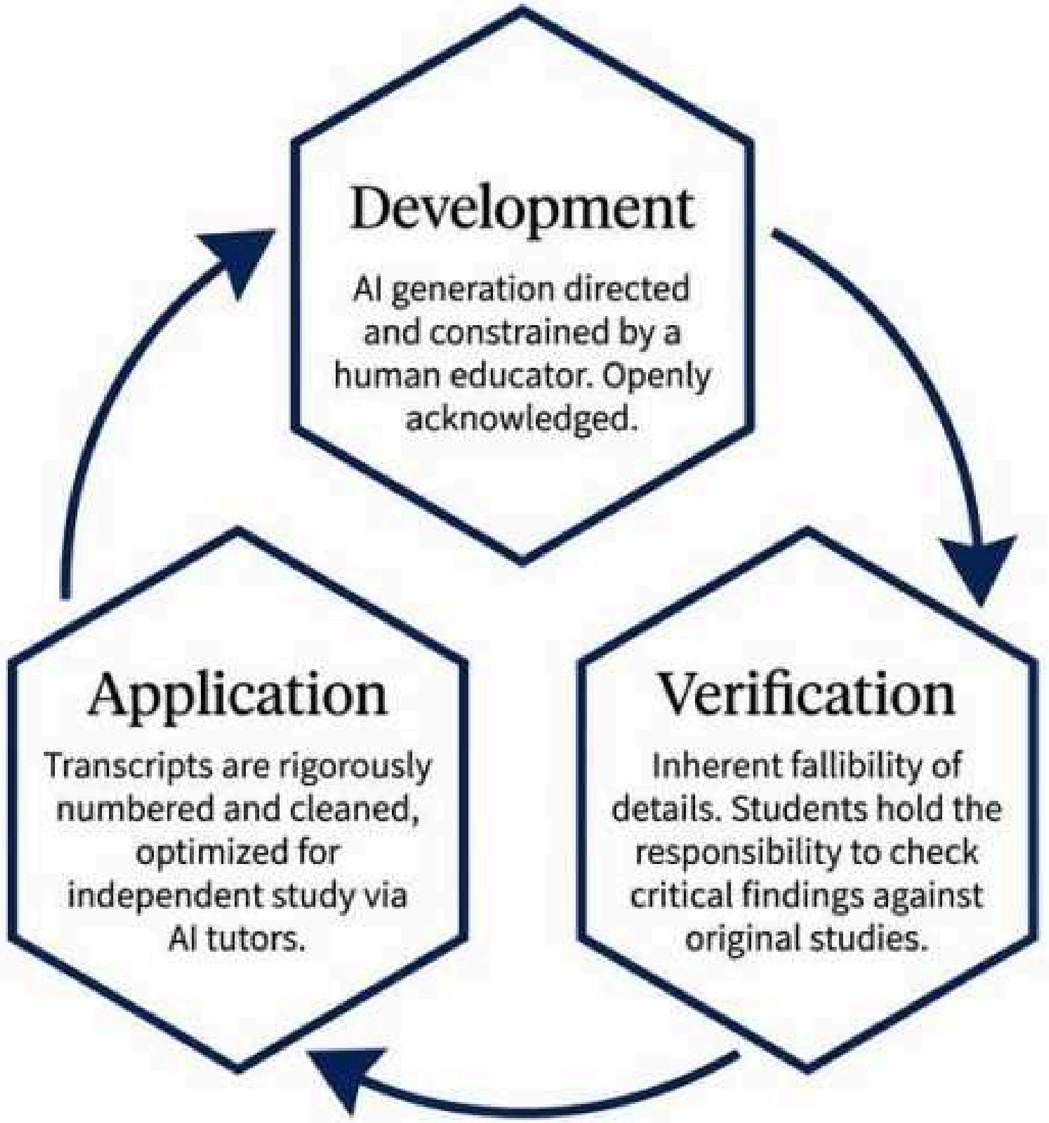
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Learning to notice this gap between what a study proves and what observers claim is the single most valuable habit in this course. It will be practiced in every lecture.

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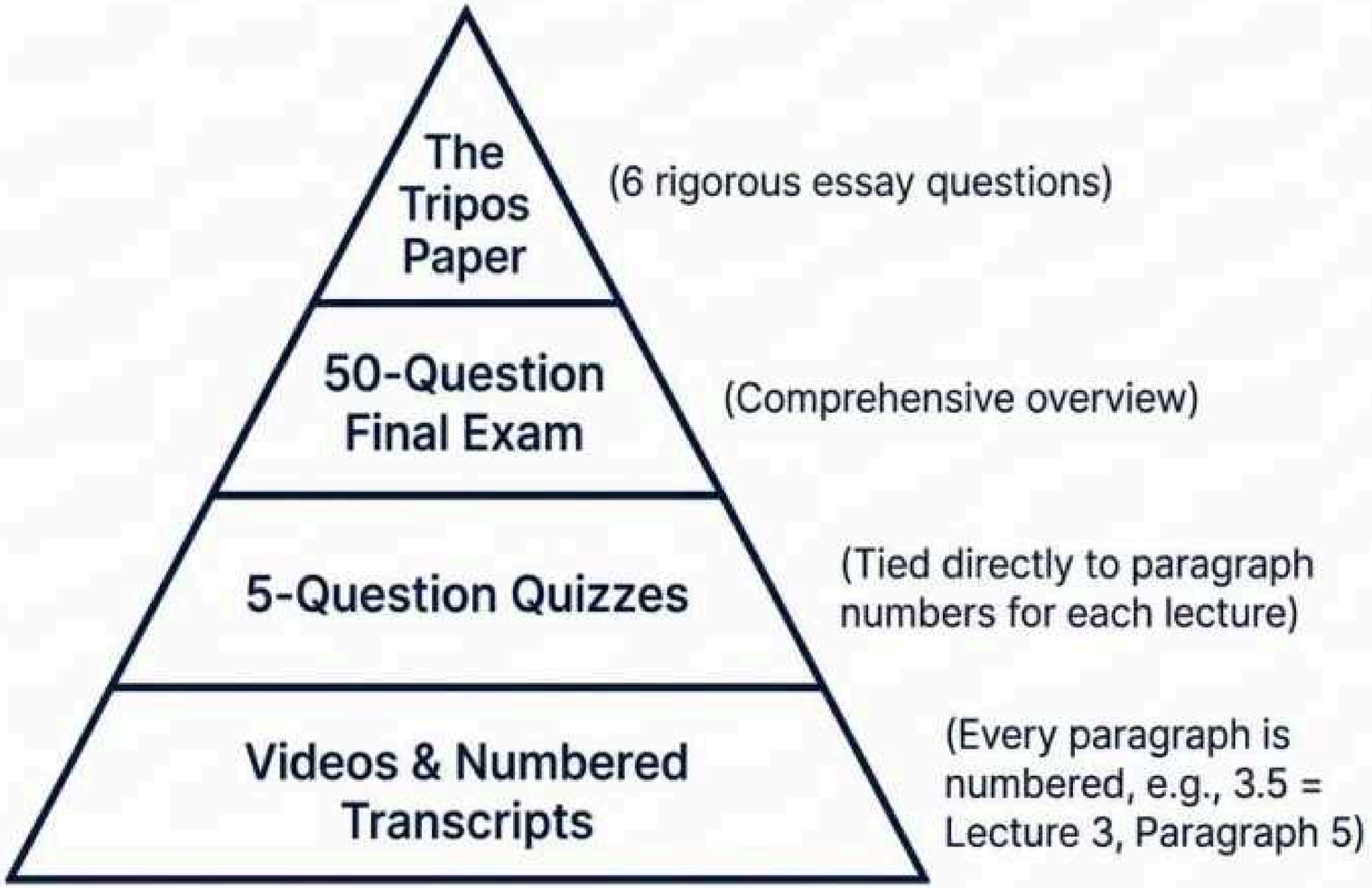
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Scientific findings evolve. Always verify.

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0.9



Formative, Not Evaluative: All assessments are designed strictly for your learning, not for a formal grade.

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0.10



Feedback and rigorous questions remain welcome at all times.

COMMENCE LECTURE 1:

Thinking Like a Scientist.

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