

Society for Research on Educational Effectiveness

Focus on AI: Research Methods Webinar Series

Webinar 1

Title: AI in Qualitative Education Research: Learn Peer-Reviewed Tools & Workflows With >90% Validated Agreement,

Date/Time: June 8, 2026 | 11:00am – 12:30pm Eastern Time

Presenter: James Goh, AILYZE

Abstract:

Generative AI is now widely available but many education researchers still face the same high-stakes questions:

How do I use AI in qualitative analysis without compromising rigor?

How do I keep interpretive depth, ethics, and transparency?

How do I produce an analysis trail that reviewers and journals will trust?

This interactive research methods webinar introduces peer-reviewed, publication-ready workflows for AI-assisted qualitative analysis, designed specifically for education research contexts (interviews, focus groups, open-ended survey responses, classroom discourse, and documents/policies).

Drawing on empirical studies comparing AI-supported coding to human coding, the session demonstrates where high human–AI agreement (including >90% in specific benchmarked tasks) is achievable, and exactly what safeguards and researcher decisions make that possible. Participants will learn a reusable, “researcher-in-the-loop” workflow that preserves human judgment while accelerating the most time-consuming steps. The session includes a live end-to-end walkthrough from raw text → coding → theme structure → subgroup comparisons → evidence-linked reporting, with practical templates that promote auditability and minimize hallucination risk.

By the end, participants will be able to: - Set up AI-assisted inductive or deductive coding (including codebook-based workflows) - Run rapid quality checks to stabilize themes and reduce overreach - Produce reviewer-ready outputs (coded excerpts, theme summaries, comparisons, and visuals) with a clear audit trail - Draft transparent methods-language for AI disclosure, ethics, and credibility Attendees will leave with a concrete workflow they can apply immediately in education research and evaluation settings.