



FDIAI REGION 3 TRAINING



EXPERT INTERACTIONS WITH AFIS AUTO-ENCODE

5/23/2025

12:00 PM - 1:00 PM

PRESENTED BY: CAREY HALL, CLPE
ON-LINE WEBINAR

BIAS RESEARCH HAS DEMONSTRATED EXPERT PERFORMANCE IS AFFECTED BY USING AFIS TECHNOLOGY. HOWEVER, USING AUTO-ENCODE TO EXTRACT MINUTIAE FEATURES IS A RECOMMENDED AFIS BEST PRACTICE. AUTO-ENCODE DOES INTRODUCE SOME INACCURATE MARKINGS. HOW ARE EXPERTS AFFECTED BY THIS INTERACTION? DOES THE USE OF AUTO-ENCODE CREATE ACCURACY GAINS BY LEVERAGING EXPERT PERFORMANCE, OR NEGATIVELY AFFECT EXPERT PERCEPTION BECAUSE OF FALSE MINUTIAE? THE RESULTS OF HOW AFIS TECHNOLOGY IMPACTS EXPERT PERFORMANCE WHEN AUTO-ENCODE AND EXPERT CLEAN-UP ARE USED TOGETHER WILL BE PRESENTED.

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