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UNLOCKING TRUST IN AI DECISION-MAKING: THE CRUCIAL ROLE OF CONFIDENCE, TRANSPARENCY, AND USER PERCEPTION

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ABSTRACT

Artificial Intelligence (AI) has become an integral part of decision-making processes across a spectrum of applications, from autonomous vehicles and healthcare diagnostics to financial forecasting and customer service. As AI systems increasingly take on roles that directly impact human lives and societal structures, the issue of trust in their decision-making capabilities assumes paramount importance. Confidence, as a measurable attribute within AI systems, plays a pivotal role in shaping this trust dynamic. This abstract is drawn from the conference "AI Decision-Making: The Role of Confidence," which explores the multifaceted dimensions of confidence in AI decision-making and its profound implications for accuracy and trust calibration. Researchers, practitioners, and industry experts converge to discuss the challenges and opportunities surrounding this critical concept.

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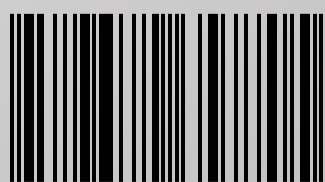
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