Research Report

Query: what do you mean by bayesian
Generated: 2025-09-20 22:40:52

Executive Summary

■ DEEP RESEARCH RESULTS ========== Query: what do you mean by bayesian Analysis Date: 2025-09-20 22:40:52 ■ EXECUTIVE SUMMARY ---------- The research reveals several findings with moderate confidence: DETAILED ANALYSIS ========== 1. What is the relationship between what in the context of the query? ---------- Confidence: ■ 0.66 Answer: SGLD uses min i-batches to compute a noisy gradient of the log -likelihood, adds Gaussian noise, and slowly decays the step size. SGLD has been applied, for example, to Bayesian deep learning. Sources (5): [1] bayesian presentation iisc.pdf (n.d.). Retrieved from local database. Relevance score: 0.15 [2] bayesian presentation iisc.pdf (n.d.). Retrieved from local database. Relevance score: 0.15 [3] bayesian presentation iisc.pdf (n.d.). Retrieved from local database. Relevance score: 0.15 [4] bayesian presentation iisc.pdf (n.d.). Retrieved from local database. Relevance score: 0.15 [5] bayesian presentation iisc.pdf (n.d.). Retrieved from local database. Relevance score: 0.15 CONFIDENCE ASSESSMENT ========== Overall Confidence: Moderate (0.66) Assessment: Good evidence with some limitations Evidence Quality: • Total evidence pieces: 5 • Source diversity: 1 unique sources • Subtasks completed: 1 SOURCE VERIFICATION ========== Sources analyzed: 1 ========== Research completed by Deep Researcher Agent All sources are from local document collection

Detailed Analysis

1. What is the relationship between what in the context of the query?

Answer: SGLD uses min i-batches to compute a noisy gradient of the log -likelihood, adds Gaussian noise, and slowly decays the step size. SGLD has been applied, for example, to Bayesian deep learning.
Confidence: 0.66